

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1,036' FWL, 755' FNL NW/NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

41.5 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

2,480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 acres

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,560

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,972 GL

Est. 4,987 KB

22. APPROX. DATE WORK WILL START*

September 15, 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#	500'	To Surface
8-3/4"	7"	23#	5,560'	To Surface

It is proposed to drill this development well to a depth of 5,560' to test the Green River formation.

Attachments: Certified Plat
Drilling Program
Chevron Class III BOPE
Geologic Program
Multipoint Surface Use Plan

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-31-87
BY: John P. Bay
WELL SPACING: R615-2-3

Completion procedure to be submitted by Sundry Notice

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

J. A. Watson

TITLE

Office Assistant

DATE

August 11, 1987

(This space for Federal or State office use)

PERMIT NO.

43-042-31809

APPROVAL DATE

APPROVED BY

TITLE

DATE

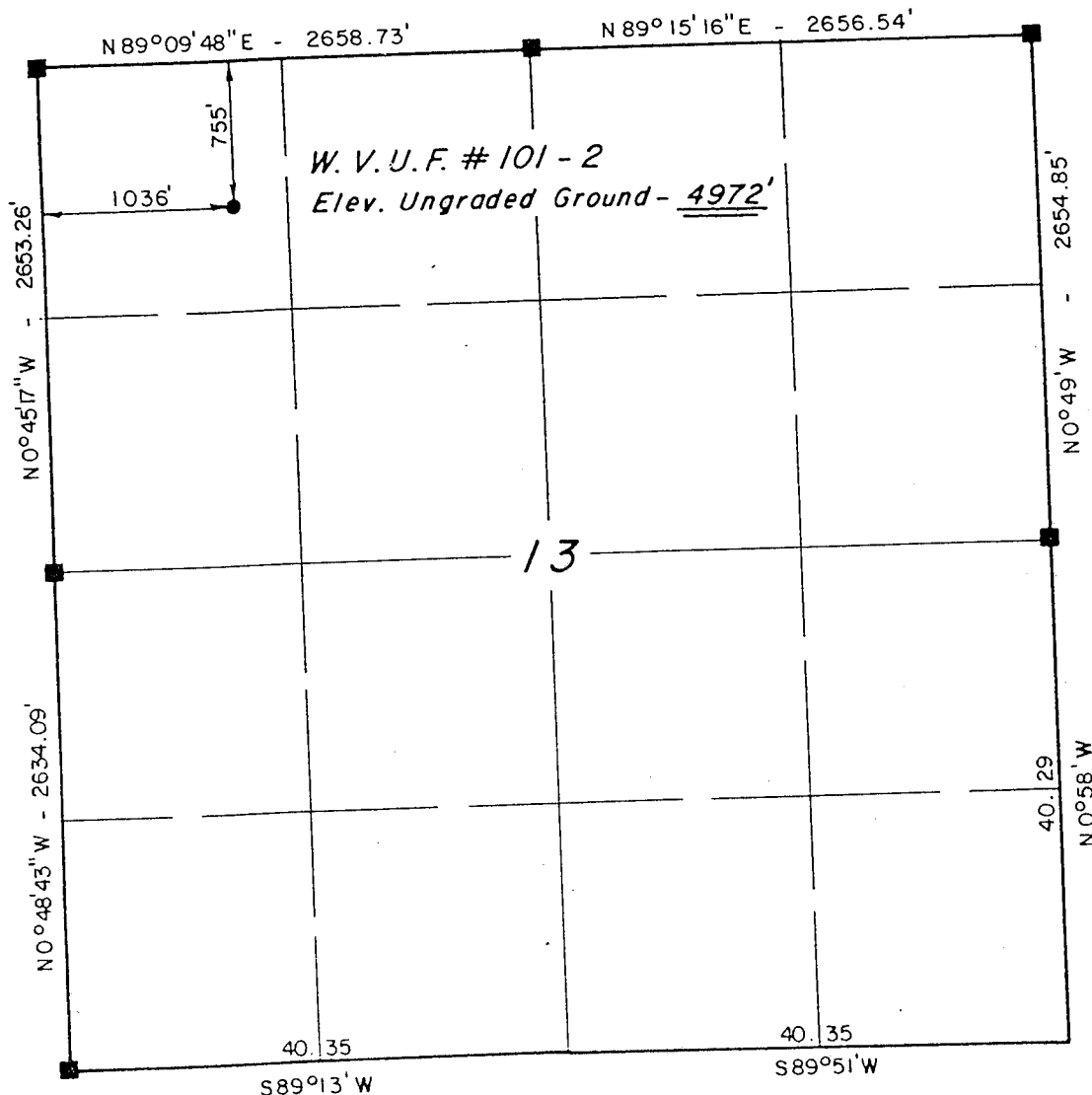
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S , R21E , S.L.B.&M.

PROJECT
CHEVRON U.S.A. INC.

Well location, W.V.U.F. #101-2,
located as shown in the NW1/4NW1/4
Section 13, T8S, R21E, S.L.B. & M.
Uintah County, Utah.



■ = SECTION CORNERS LOCATED



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11/17/86
PARTY	DA RP <i>[Signature]</i> RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	CHEVRON U.S.A.

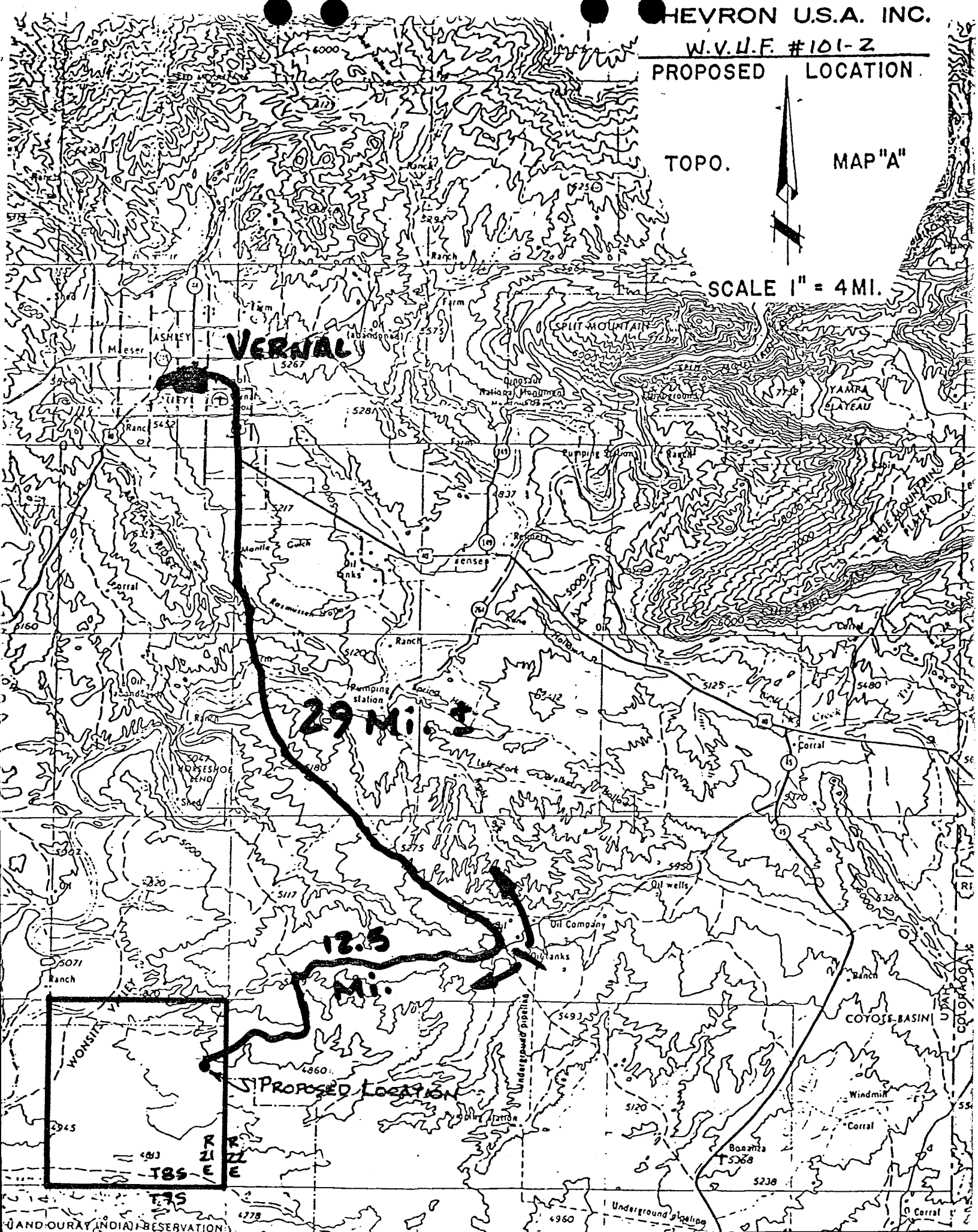
W.V.U.F. #101-Z

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



DRILLING PROGRAM

Field Wonsits Valley Well WVFU #101-2 Exp/Dev Dev.

Location Sec. 13, T8S, R21E, Uintah Co., Utah

Drill X Deepen Elevations: GL 4972 KB Est. 4987

~~Directional~~/Straight Hole: Proposed Measured TD 5560 TVD 5560
KOP NA Build NA Max. Angle NA Avg. Angle NA
Target Location NA Bearing from Surface NA

1. Conductor Hole

Hole Size 26" Proposed Depth 60' Casing Size, Weight & Grade 16" H-40

2. Surface Hole

Hole Size 12-1/4" Proposed Depth 500 BOPE None
Mud Program: Type MW FV WL Other
Gel-Water ±8.5 - - -

Potential Hazards: None

Electric Logging Program: None

Core/DST Program: None

Casing Program:

<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thread</u>	<u>Section Length</u>
<u>9-5/8"</u>	<u>K-55</u>	<u>36#/ft</u>	<u>ST&C</u>	<u>500'</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Cement Program: Lead Slurry NA
Tail Slurry Class H w/2% CaCl₂ - 15.6 ppg

WOC Time 8 hrs. Casing Test 1000 psi Shoe test MWE - ppg

3. Intermediate Hole

NA
Hole Size Proposed Depth BOPE
Mud Program: Type MW FV WL Other

Potential Hazards:

Electric Logging Program:

Core/DST Program:

Casing Program:

<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thread</u>	<u>Section Length</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Cement Program: Lead Slurry
Tail Slurry

WOC Time hrs. Casing Test psi Shoe test MWE ppg

4. Oil String/Liner Hole

Hole Size	<u>8-3/4"</u>	Proposed Depth	<u>5560'</u>	BOPE	<u>Chevron Class III - 3000 psi W.P.</u>
Mud Program:	Type	MW	FV	WL	Other
	<u>Gel-Water</u>	<u>±8.6</u>	<u>-</u>	<u>-</u>	<u>500'-2500'</u>
	<u>Gel-Water-Chem</u>	<u>±9.0</u>	<u>40</u>	<u>±15cc</u>	<u>2500'-TD</u>

Potential Hazards: Lost circulation

Electric Logging Program: As per attached Geologic Program

Core/DST Program: As per attached Geologic Program

Casing Program:

<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thread</u>	<u>Section Length</u>
<u>7"</u>	<u>K-55</u>	<u>23#/ft</u>	<u>LT&C</u>	<u>5560'</u>

Cement Program: Lead Slurry Class H w/16% gel - 12.6 ppg - Tailored for depth & temp.

Tail Slurry Class H - 15.6 ppg - Tailored for depth & temp.

WOC Time 12 hrs. Casing Test 1500 psi

5. Auxiliary Equipment

Mud Logging Unit @	<u>2000'</u>	Rotating Head @	<u>-</u>
Geograph @	<u>Spud</u>	Degasser @	<u>-</u>
Visulogger @	<u>-</u>	Desilter @	<u>Spud</u>
Adj. Choke @	<u>500'</u>	Centrifuge @	<u>-</u>
PVT & Flowmeter @	<u>Spud</u>	Mud Cleaner @	<u>-</u>
Trip Tank @	<u>Spud</u>	H ₂ S Safety Equip. @	<u>-</u>

Other: Full opening drill pipe safety valve, inside BOP, upper and lower kelly cock valve at spud.

6. Drill String Design

Surface Hole:

BHA Bit, 1-8" DC, Stab, 2-8" DC's, X0, 6-3/4" DC's

Drill Pipe 4-1/2" 16.60# Grade E

Intermediate Hole:

BHA NA

Drill Pipe NA

Oil String/Liner Hole:

BHA Bit, 2-6-3/4" DC's, Stab, 16-6-3/4" DC's

Drill Pipe 4-1/2" 16.60# Grade E

7. Other

Inspect BHA after 200 rotating hours.

In "straight" holes run inclination surveys every ±500 feet.

Gyro Surveys None

Check drilling breaks for flow below 1000 feet.

Fill drill pipe every 20 stds when running float.

8. General Remarks

Attached

9. Geologic Program

Attached

Prepared By Mathias

Date 7/31/87

Drilling Superintendent B. Pen

Date 7-31-87

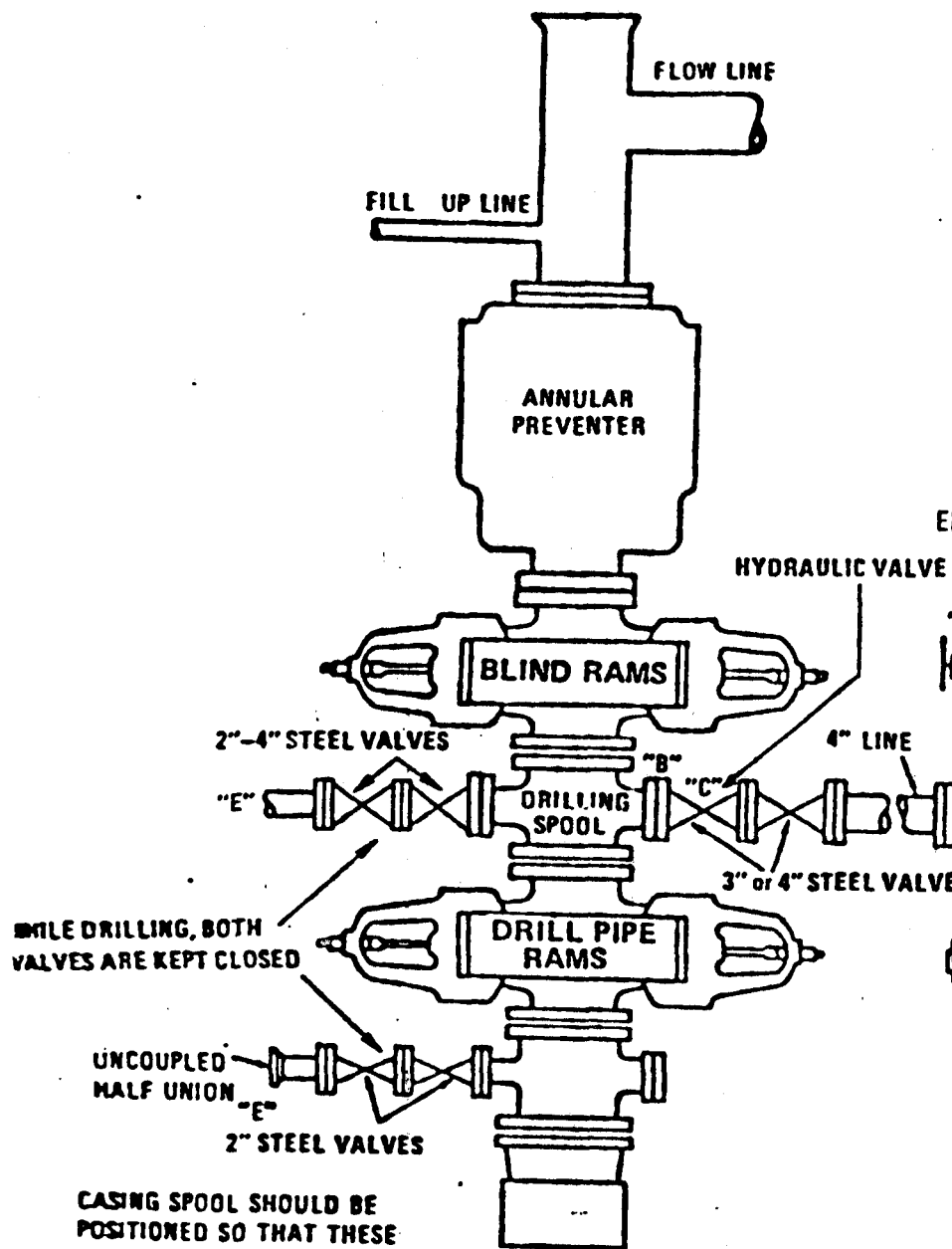
DRILLING PROGRAM ATTACHMENT

GENERAL REMARKS

1. Applicable Federal and State Regulations will be adhered to during the drilling of this well.
2. The drilling rig is to be level and the kelly centered over the hole before drilling operations commence. Check periodically during the drilling of the well to insure the rig stays level.
3. Prior to spud insure all toolpushers, drillers and crews are thoroughly familiar with and understand the Chevron procedure for handling well kicks.

In H₂S environments Chevron's contingency plan for your location is to be read, understood and adhered to. All personnel are to be thoroughly familiar with the use of air packs, the air supply system, locations of air packs and what to do in the event of sour gas to surface.
4. Test BOPE before drilling out and every seven days thereafter. Perform low pressure test (200 psi) and high pressure test. High pressure test should be 70% of BOPE working pressure or 70% of burst of last casing string, whichever is less. Record BOP tests on Tour Reports. Notify applicable Federal and State Regulatory Agencies 24 hours in advance of BOPE tests and record notification and names on Tour Reports.
5. Do not reuse ring gaskets. Replace with new Rx or Bx ring gaskets.
6. Separate full opening safety valves and inside BOP's are required for each size drill pipe in use. Test weekly with BOPE.
7. Run full open valve below kelly that can be run in the hole if necessary. Do not use this valve as a mud saver sub.
8. BOP controls are to remain in the open position during drilling operations.
9. Hold pit drills for each crew at least once every seven days and record on Tour Reports.
10. On trips fill the annulus before hydrostatic pressure drops 75 psi or every 5 stds of drill pipe, whichever is first. Use trip tanks to measure hole fill-up and monitor at all times.
11. Use drill pipe floats at all times unless your supervisor instructs otherwise.
12. Have wear ring installed in wellhead before tripping or rotating. Remember to remove wear ring before running casing or when testing BOPE.

13. Casing rams are to be installed and bonnets tested on last trip out before running casing.
14. Run pilot and thickening time tests with rig mixing water for all cement slurries prior to cementing operations.
15. Casing should be tested to 1,500 psi or 0.2 psi/ft., whichever is greater, prior to drilling out and recorded on Tour Reports. Discuss the test pressure with your supervisor and reference DM-49 before testing.
16. Drill out slick beneath each casing string. Drill deep enough to bury stabilization to be picked up.
17. Do not drill with hardbanded pipe inside of casing.
18. Do not run full gauge stabilizers. Run stabilizers 1/16" to 1/8" undergauge.
19. When necessary to work pipe, keep pipe moving up and down. Rotating alone is not considered sufficient.
20. Install and test full lubricator on all logging runs unless instructed otherwise by supervisor.
21. Fully describe damaged or lost equipment on Tour Reports.



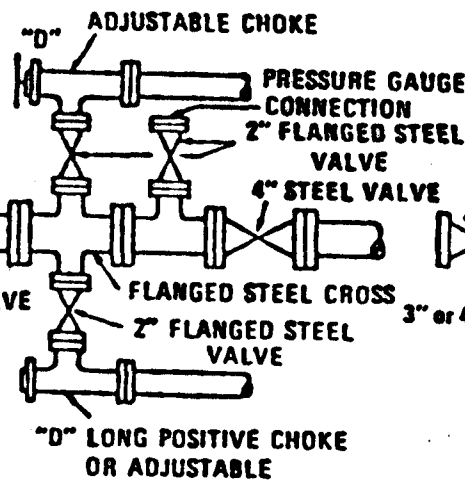
WHILE DRILLING, BOTH VALVES ARE KEPT CLOSED

CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER.

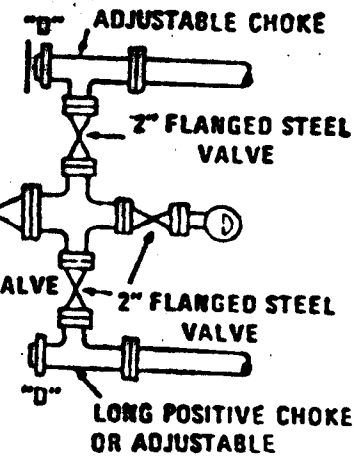
FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3-5000 PSI AS REQUIRED)

EMERGENCY FLOW HOOKUP



ALTERNATE CHOKE MANIFOLD



AN EXTRA SET OF DRILL PIPE RAMS AND BONNET SEALS WILL BE ON LOCATION AT ALL TIMES.

Chevron U.S.A. Inc.
ROCKY MTN. PRODUCTION DIVISION

ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT
PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

- A. THE ACCUMULATOR SYSTEM MUST BE OF ADEQUATE CAPACITY TO CLOSE ALL HYDRAULIC BOP COMPONENTS WITH A 50% OPERATING FLUID RESERVE FOR A 3000, 2000, AND 1500 PSI SYSTEM. A MINIMUM ACCUMULATOR PRESSURE OF 1200 PSI WILL BE REQUIRED AFTER CLOSING ALL HYDRAULIC PREVENTER COMPONENTS WITH THE FLUID PUMPS SHUT OFF.
- B. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

II. CONTROL UNITS

- A. ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY OF CONFUSION. THESE VALVES ARE TO BE LEFT IN THE OPEN POSITION UNLESS OPERATING BOP COMPONENTS.
- B. HANDWHEELS FOR PIPE AND BLIND RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

III. PREVENTER UNITS

- A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.
- B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.
- C. NEW API RX OR BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.
- D. FLANGE BOLTS ON BOP'S WILL BE CHECKED FOR TIGHTNESS AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS.
- E. PREVENTERS ARE TO BE WELL BRACED.
- F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.
- G. CASINGHEAD SHALL BE INSTALLED SO KILL LINE VALVES WILL BE UNDER BOP'S FOR PROTECTION. KILL LINE VALVES TO BE KEPT CLOSED AFTER PRESSURE TESTS.
- H. ALL REPLACEMENT PARTS TO BE OF SAME MANUFACTURE AS BOP'S.

IV. TESTING

- A. BLOWOUT PREVENTERS, KILL LINE, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.
- B. BOP SYSTEM IS TO BE TESTED UPON INSTALLATION AND EACH WEEK THEREAFTER, USING A TEST PLUG OR AT THE FREQUENCY STATED IN THE CONTRACT.
- C. ALL TESTING IS TO BE DONE WITH CLEAR OR DYED WATER.
- D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.
- E. ALL B.O.P.E. TO BE OPERATED DAILY, BLIND RAMS ON TRIPS.

V. MISCELLANEOUS

- A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.
- B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.
- C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.
- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.
- E. INSIDE BLOWOUT PREVENTER AND FLOAT VALVE TO HAVE CONNECTIONS FOR DRILL STRING AND TO BE ABLE TO PASS THROUGH BOP STACK INTO OPEN HOLE.

GEOLOGIC PROGRAM

Field/Area Wonsits Valley Expl/Dev Development

Well Name Wonsits Valley #101-2

Location: Sec 13 TWP 8S Range 21E
Co Uintah State Utah
Surface 755 FOL and 1036 FWL
Bottom Hole same

Elevation: GL estimated 4985 Surveyed 4972
KB estimated 5003 Surveyed

Total Depth 5560' Fm at TD Green River

Objectives: Primary F2
Secondary E5, F4, F5, G1

Coring:	Formation	Estimated Depth	Amount
Interval/on show	<u>E5</u>	<u>5195-5225</u>	<u>30'</u>
Interval/on show	<u>F2, F4, F5, G1</u>	<u>5260-5440</u>	<u>180'</u>
Interval/on show	<u></u>	<u></u>	<u></u>
Interval/on show	<u></u>	<u></u>	<u></u>
Interval/on show	<u></u>	<u></u>	<u></u>

Est. coring cost (incl. analysis) = \$20,000

Drill Stem Testing None

Mud Logging Two man FID unit from 2000' to TD (est cost = \$2400)

Electric logging:	Surface	Intermediate	Total Depth
1) DIL-SP	<u></u>	<u></u>	<u></u>
2) DIL-MSFL-SP	<u></u>	<u></u>	<u></u>
3) BHC w/GR, Cal.	<u></u>	<u></u>	<u></u>
4) LDT-CNL w/GR, Cal.	<u></u>	<u></u>	<u>2000' to TD</u>
5) FDC-CNL w/GR, Cal.	<u></u>	<u></u>	<u></u>
6) Dipmeter	<u></u>	<u></u>	<u></u>
7) Velocity survey	<u></u>	<u></u>	<u></u>
8) RFT	<u></u>	<u></u>	<u></u>
9) Microlog w/GR	<u></u>	<u></u>	<u>2000' to TD</u>
10) DISFL w/GR, SP	<u></u>	<u></u>	<u>surface to TD</u>
11)	<u></u>	<u></u>	<u></u>

All runs from TD to either base of surface casing or overlap with previous log run unless otherwise noted.

GEOLOGIC PROGRAM (Continued)

Tops:

Formation	Estimated Depth, datum	Sample Depth, datum	Log Depth, datum
Green River	2448 (+2542)		
Lower G.R.	4541 (+449)		
E5	5205 (-215)		
F2	5271 (-281)		
F4	5330 (-340)		
F5	5370 (-380)		
G1	5407 (-417)		

Correlation Wells:

Correlative Zones with Subject Well

	Fm	Interval	
1) WVF #101	Lower G.R.	4536 (+449)	Primary objective
13-8S-21E NW NW	E5	5204 (-219)	zones to be cored.
	F2	5269 (-284)	
	F4	5326 (-341)	Zone to be DST.
	F5	5369 (-384)	
	G1	5403 (-418)	
2) WVF #29	Lower G.R.	4534 (+448)	Primary objective
13-8S-21E NE NW	E5	5194 (-212)	zones to be cored.
	F2	5259 (-277)	
	F4	5320 (-338)	Zones to be DST.
	F5	5358 (-376)	
	G1	5397 (-415)	

DIVISION OF INTEREST:

Working Interest Partners:

Chevron	100	%		%		%
		%		%		%

Others Receiving Data:

None					

REMARKS: Estimated oil pay = 68'
 E5 = 12', F2 = 21', F4 = 13', F5 = 6', G1 = 16'
 Estimated logging costs = \$12,000

Prepared by M.L. Schuch
 Reviewed by James H. Hines
 Formation Evaluation Analyst

Date 7/21/87
 Date 22 July 1987

Approved G.L. Smedley

Date 7/22/87

CHEVRON U.S.A. INC.
WONSITS VALLEY FEDERAL UNIT 101-2
SECTION 13, T8S, R21E
UINTAH COUNTY, UTAH
MULTIPOINT SURFACE USE PLAN

1. EXISTING ROADS

- A. See Topo maps "A" and "B". We do not plan to change, alter or improve upon any existing state or county roads.
- B. From Vernal, Utah go southeast approximately 29 miles and turn west. Travel approximately 33 miles to proposed access road.

2. PLANNED ACCESS ROAD

From the proposed access road entrance the proposed access road is to go approximately 0.2 mile southeast. Existing and planned access roads in the Unit will be maintained in accordance with Bureau of Land Management (BLM) requirements. See Topo Map "B".

- A. Width: Maximum width 30' with an 18' travel area.
- B. Maximum Grade: No greater than 8%
- C. Turnouts: None, avoid blind corners.
- D. Drainage Design: Roads to be placed and constructed so that minimal drainage alterations will be made. Water will be diverted around well pad as necessary.
- E. No major cuts and fills.
- F. Surfacing Materials: Gravel if necessary (see item 6-A).
- G. Other: No gates, cattleguards or fence cuts.

3. LOCATION OF EXISTING WELLS

See Map B.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. See Map B.
- B. Install new gas line from subject well a distance of 523.37' to the north and west to tie into existing flowline at tank battery 4. Flowline will be 3" plain-end welded line pipe, placed on supports on the surface, heat traced, insulated and wrapped with green childer. A power line 81.67' in length will be installed from the wellsite to an existing power line.
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BIA.
- D. A blooie pit 8' X 10' X 5' deep will be constructed 150' diagonally from the center hole as shown on Exhibit "C". A line will be placed on the surface from the center hole in the burn pit. The pit will be fenced on four sides to protect livestock.

- E. A line heater will be required for the production from this well. About 100' of access will be needed to service this line heater. This will be adjacent to the pad and placed along the production flowline from this well.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water supplied to the location will be hauled by truck on existing roads in the area from the water injection station in Section 12, T8S, R21E.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All land is Ute Tribal land. All gravel, cement, etc., needed on the access road and location will come commercially from the Vernal, Utah area. Access road needed is shown on Topo map "B".

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in the reserve pit. The reserve pit will be unlined. It will be fenced with a wire mesh fence, topped with at least one strand of barbed wire.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling, the liquid waste will be evaporated and the remainder worked into the deep subsoil of the pit, and the pit filled in and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage and any water produced will be retained until its quality is determined. The quality and quantity of water produced will then determine the necessary disposal procedure.
- D. Sewage will be disposed of in a 1,000 gallon fiber glass insulated holding tank, which is to be placed in the vicinity of the trailers on the well location. Arrangements have been made for the sewage to be transported from the wellsite to the City of Vernal, Utah for disposal in the city disposal system. The sewage will be hauled by an authorized hauling firm.
- E. Trash will be contained in a portable metal container and hauled periodically to an approved disposal dump.
- F. After the rig has moved from the wellsite, all waste material will be removed to an approved disposal dump.

8. ANCILLARY FACILITIES

Because of the accessibility to good roads and relatively close housing, we anticipate no need for ancillary facilities with the exception of two trailers to be located on the drilling location.

9. WELLSITE LAYOUT

- A. Four to six inches of topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil stockpiles will be located as shown on Exhibit "C".
- B. Pits will not be lined.
- C. Access to the well pad will be as indicated in Exhibit "C".

10. PLANS FOR RESTORATION OF SURFACE

- A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.
- B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BIA.
- C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- D. Any oil accumulation on the pit will be removed, burned or overhauled as dictated by then existing conditions.
- E. The well will be completed during 1987. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

11. SURFACE OWNERSHIP

- A. The wellsite, access roads, flowlines and powerlines will all be constructed on BIA owned surfaces. The operator shall contact the BLM office at (801) 789-1362 and the BIA office at (801) 722-2406 between 24 and 48 hours prior to construction activities.

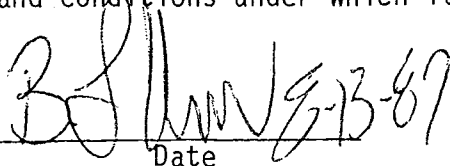
12. OTHER INFORMATION

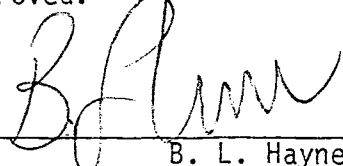
- A. The well is located on hilly and sandy terrain. Vegetation consists of small sagebrush and natural grasses around the locations. The soil is a poorly developed, semiarid, thin topsoil layer over the Uintah Formation.
- B. Surface use activities other than the oil well facilities consist of livestock grazing.
- C. There are no water bodies or occupied dwellings near the wellsites. Archaeological, historical and cultural sites may be determined during the field inspection. An archaeological survey has been conducted on the disturbed areas and a copy of this report sent to the BLM.

13. COMPANY REPRESENTATIVE

Mr. B. L. Haynes
P.O. Box 599
Denver, CO 80201
(303) 930-3403

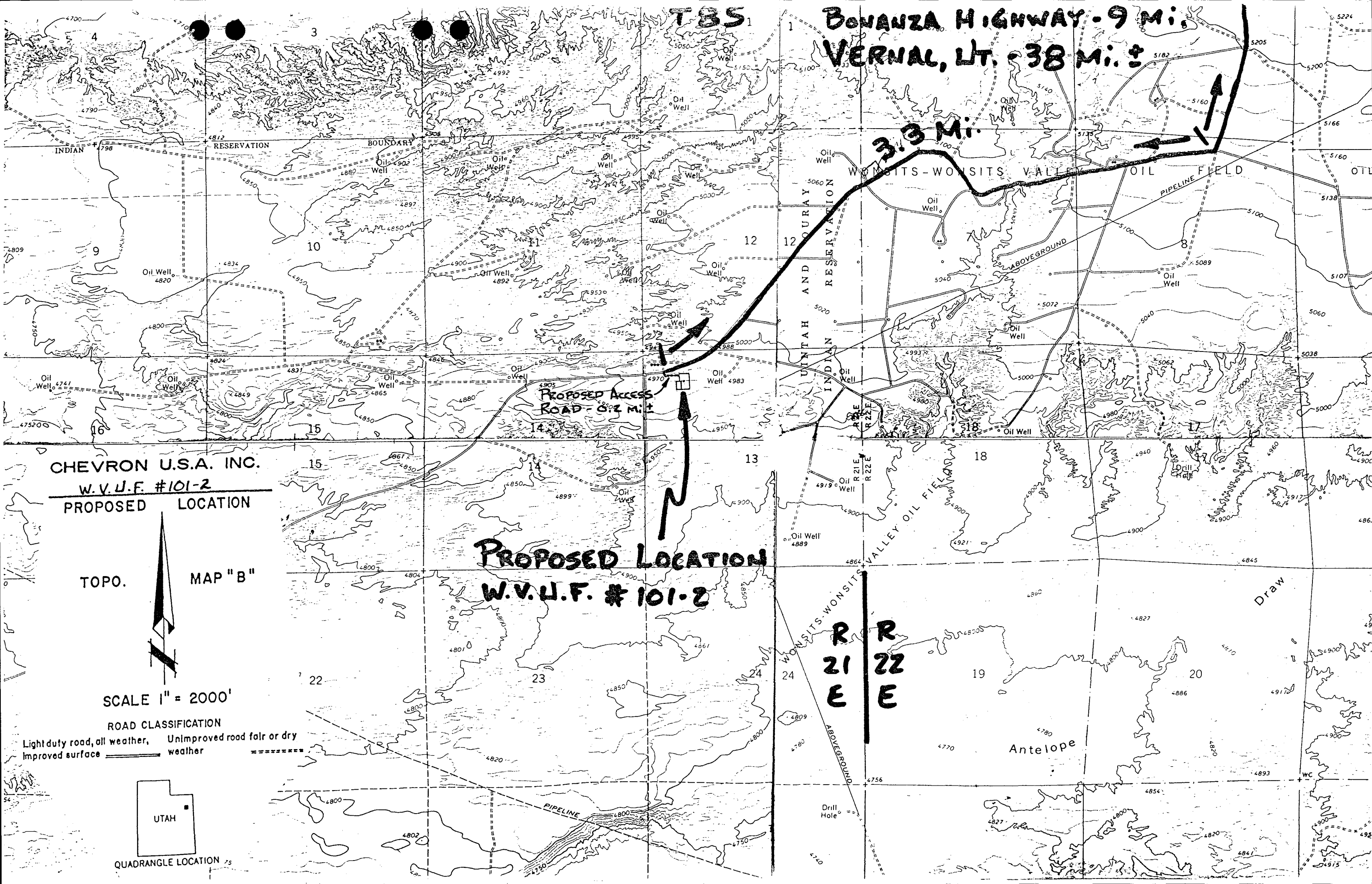
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Date


B. L. Haynes
Drilling Manager

JLW:mm

Map "A" - Proposed Location
Map "B" - Proposed Access Road
Exhibit "C" - Location Layout and Cut and Fill



CHEVRON U.S.A. INC.
W.V.U.F. #101-2
PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface
Unimproved road fair or dry weather

UTAH

QUADRANGLE LOCATION

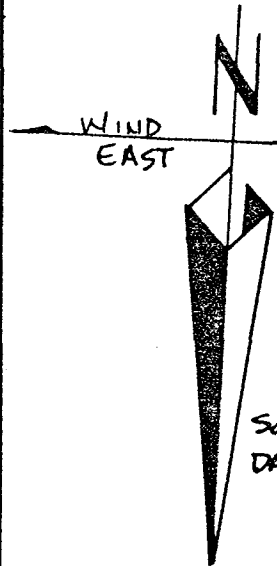
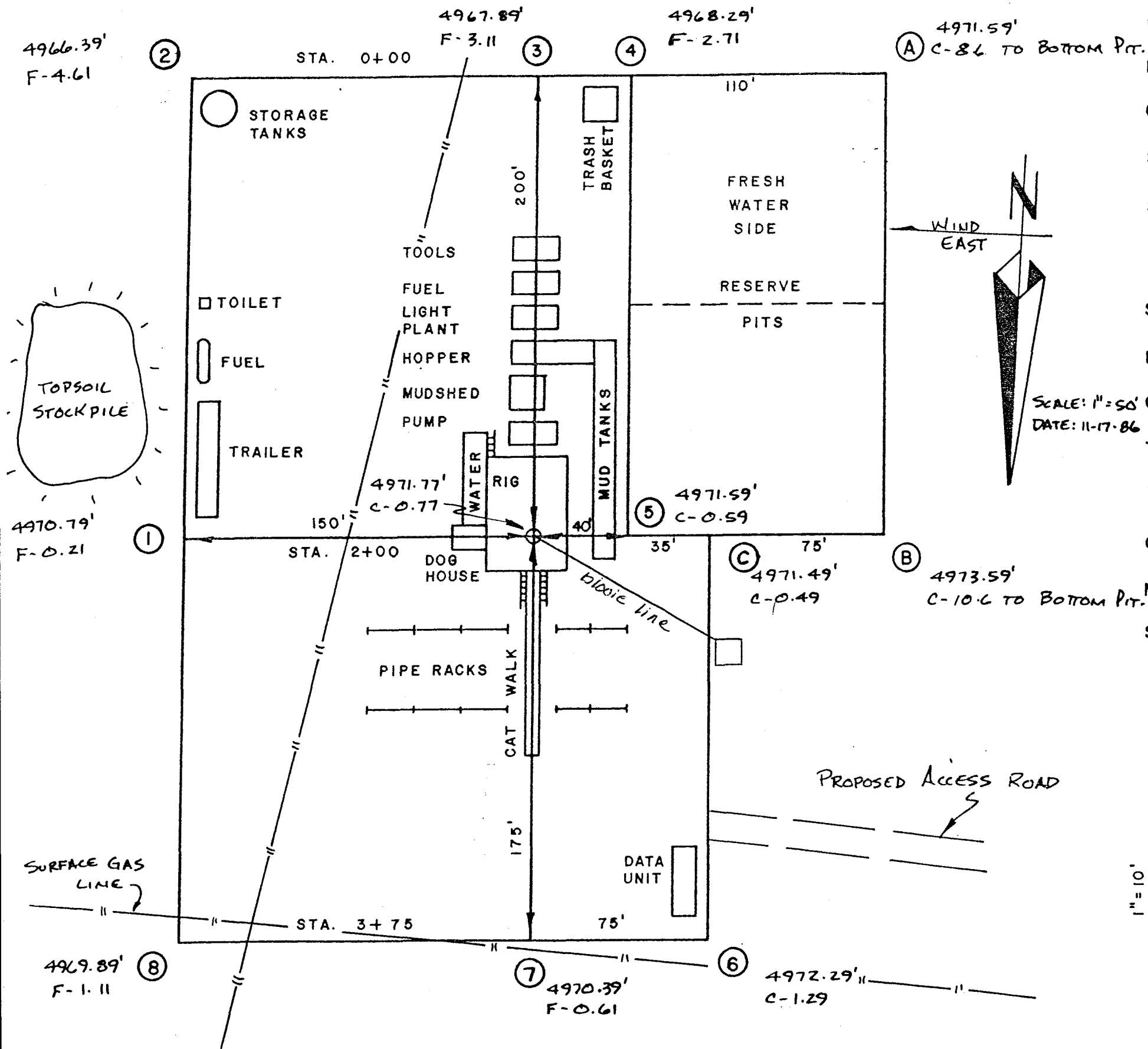
PROPOSED LOCATION
W.V.U.F. #101-2

R 21 E
R 22 E

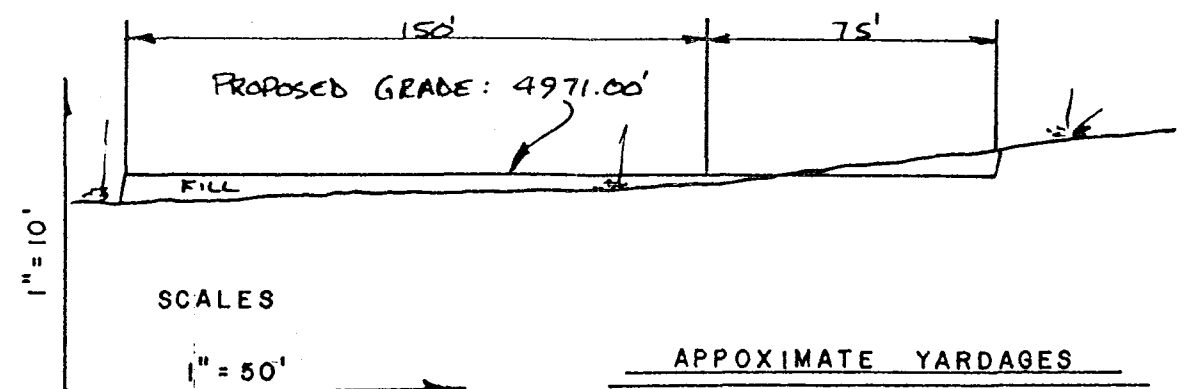
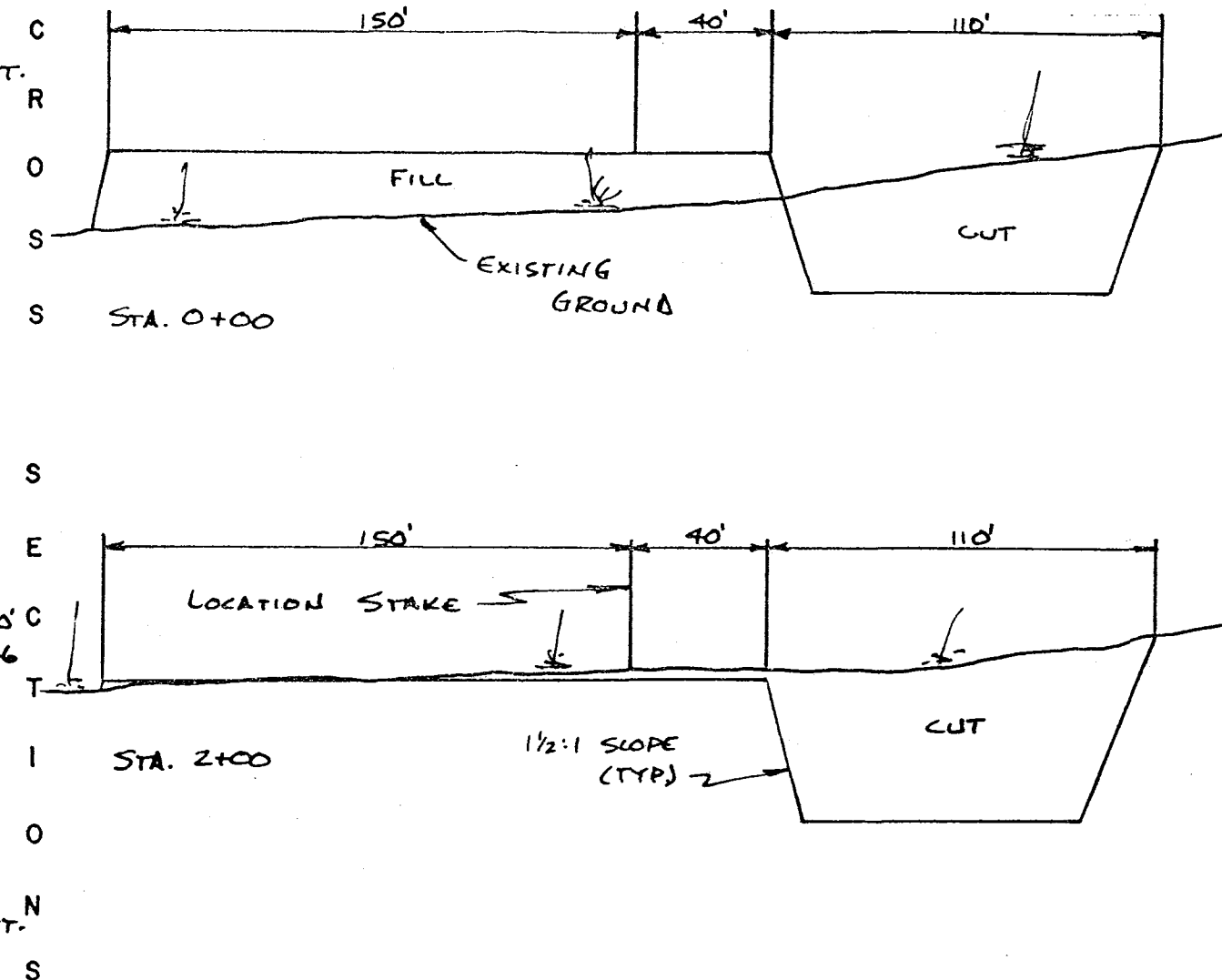
Antelope

Exhibit C CHEVRON U.S.A. INC.

W. V. U. F. # 101-2



SCALE: 1" = 50' C
DATE: 11-17-86



SCALES

1" = 50'

APPROXIMATE YARDAGES

CU. YDS. CUT- 6,730

CU. YDS. FILL- 3,500

000223

OPERATOR Chevron U.S.A. Inc DATE 8-26-87

WELL NAME Wonsita Valley Unit 101-2

SEC NW NW 13 T 85 R 21E COUNTY Uintah

43-047-31809
API NUMBER

Fed
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☒

NEAREST
WELL

☒

LEASE

☒

FIELD

☒

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Unit Well - R P.O.D.

Need water permit

APPROVAL LETTER:

SPACING:

☒

R615-2-3

Wonsita Valley
UNIT

☐

R615-3-2

☐

CAUSE NO. & DATE

☐

R615-3-3

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 31, 1987

Chevron U. S. A. Inc.
P. O. Box 599
Denver, Colorado 80201

Gentlemen:

Re: Wonsits Valley Unit 101-2 - NW NW Sec. 13, T. 8S, R. 21E
755' FNL, 1036' FWL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Chevron U. S. A. Inc.
Wonsits Valley Unit 101-2
August 31, 1987

5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31809.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

Form 3160-3
(November 1983)
(formerly 9-331C)SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-896 <u>21-0806</u>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Chevron U.S.A. Inc.			7. UNIT AGREEMENT NAME Wonsits Valley Federal	
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201			8. FARM OR LEASE NAME Wonsits Valley	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1,036' FWL, 755' FNL NW/NW At proposed prod. zone			9. WELL NO. 101-2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 41.5 miles south of Vernal, Utah			10. FIELD AND POOL, OR WILDCAT Wonsits Green River	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T8S, R21E	
16. NO. OF ACRES IN LEASE 2,480			12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,972 GL Est. 4,987 KB			22. APPROX. DATE WORK WILL START* September 15, 1987	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#	500'	To Surface
8-3/4"	7"	23#	5,560'	To Surface

It is proposed to drill this development well to a depth of 5,560' to test the Green River formation.

Attachments: Certified Plat
Drilling Program
Chevron Class III BOPE
Geologic Program
Multipoint Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. A. Watson TITLE Office Assistant DATE August 11, 1987

(This space for Federal or State office use)

PERMIT NO. 43-047-31809 APPROVAL DATE _____

APPROVED BY Harold E. Jorgensen TITLE Acting ADOM- MINERALS DATE 9/8/87

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATIONS COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 84026

(801) 722-2406 Ext. 31/48

IN REPLY REFER TO:

AUG 26 1987
AUG 1987
V. J. J. J.

MEMORANDUM

TO: District Manager, Bureau of Land Management

FROM: Superintendent, Uintah and Ouray Agency

SUBJECT: ROW H62-87-38, Wonsit Valley Unit, Well #101-2

in ~~the~~ Section 31, Township 8 South., Range 21 East.,

We (concur with ~~or~~, ~~recommend~~) approval of the Application for Permit to Drill subject well.

Based on available information on May 7, 1987, we have cleared the proposed location in the following areas of environmental impact.

YES XX NO Listed threatened or endangered species

YES XX NO Critical wildlife habitat

YES XX NO Archaeological or cultural resources

YES NO Air quality aspects (to be used only if project is in or adjacent to a class 1 area of attainment)

YES NO Other (if necessary)

REMARKS: All disturbed areas, when abandoned, will be rehabilitated and reseeded.

The necessary surface protection and rehabilitation requirements are as per approved APD.

acting Superintendent

c.c. Ute Tribe Energy & Minerals
ROW Files

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL
WITHIN THE UINTAH OURAY RESERVATION

Company Chevron U.S.A. Inc. Well No. 101-2
Location NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13 T8S R21E Lease No. U-0806

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

Div O & S m

3. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

All anticipated fresh water and other mineral zones will be protected by the proposed cementing program. If well bore conditions prevent successful completion of the proposed plan, this office shall be notified immediately to determine required remedial protection procedures.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log shall be run and copies submitted to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting

with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where

plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen Assistant District Manager for Minerals	(801) 247-2318
Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
R. Allen McKee Petroleum Engineer	(801) 781-1368

Revised October 1, 1985

Date APD Received 08/17/87

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator Chevron U.S.A., Inc.

Well Name & Number Wonsits Valley Unit 101-2

Lease Number U-0806

Location NW 1/4 NW 1/4 Sec. 13 T. 8 S. R. 21 E.

Surface Ownership Ute Tribal Lands Administered by the BIA

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

2. Location of Existing and/or Proposed Facilities

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

3. Methods for Handling Waste Disposal

Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

The reserve pit shall be lined with clay to prevent seepage into porous sandy soils present at the location surface.

*If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

Produced waste water will be confined to an appropriate pit or, if deemed necessary, a storage tank for a period not to exceed 90 days

after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

4. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The reserve pit will be located as indicated in the layout diagram. A blooie pit will be constructed 150 feet diagonally from the center hole as shown on Exhibit "C" of the APD.

The stockpiled topsoil will be stored on the south side of the location.

Access to the well pad will be from the west and will enter the pad on the north side of the pad.

5. Plans for Restoration of Surface

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BIA at the time restoration activities are scheduled to begin.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

On BIA administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and, (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

6. Other Additional Information

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, sub-contractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved rights-of-way will be obtained from the BIA before the operator begins any

construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted.

All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

UTAH BASIN DISTRICT HEALTH DEPARTMENT

WASTEWATER SYSTEM INSPECTION REPORT

DRILLING SITE

PERMIT # 12585

DATE 11/04/87
APPROVED Dr.

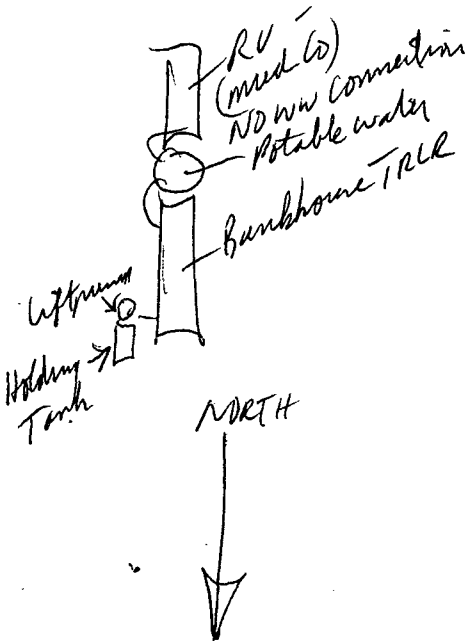
43-047-31809

LOCATION NW/NW S13 T8S R21E COUNTY Utah
OWNER/SPONSER Chemman USA (Shelly + Cachuma) PHONE # _____
MAILING ADDRESS _____

WW INSTALLER _____
☒ SCAVENGER SERVICES _____
☒ CHEMICAL TOILETS (☒ YES () NO; SUPPLIER _____
BUILDINGS SERVED _____ TOTAL _____
☒ WATER SUPPLY: (☒ POTABLE, () NON-POTABLE, SUPPLIER A-1
☒ DISPOSAL SYSTEM:
_____ SEPTIC TANK _____ LIQUID GALLONS _____
_____ ABSORPTION SYSTEM _____ FIELD _____ PIT _____ BED _____ TRENCH
☒ HOLDING TANK _____ LIQUID GALLONS _____

SKETCH OF SYSTEM _____

2 Holding tanks



Rig

mud log Tank
Lift Pump
1000 gal WW tank
Potable water

DATE OF INSPECTION 11-04-87 APPROVED ☒ REJECTED _____

NOTATIONS: _____

SANITARIAN

Lowell Cook - RS

CC: Oil Gas & Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-0806 111203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Drl.

7. UNIT AGREEMENT NAME

Wonsits Valley Federal

8. FARM OR LEASE NAME

Wonsits Valley

9. WELL NO.

101-2

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley-Green River

11. SEC., T., R., M., OR BLK. AND
SURVEY OR ARMA

S 13, T8S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc. *Rm. 11111*

NOV 9 1987

3. ADDRESS OF OPERATOR

P. O. Box 599 Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1036' FWL, 755' FNL (NW $\frac{1}{4}$ NW $\frac{1}{4}$)

14. PERMIT NO.

43-047-31809

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4972' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Spudding

XX

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The 26" conductor hole on WVFU #101-2 was spudded on 10-18-87. 80' of 16", H-40 casing was run and cemented to surface.

The 12 $\frac{1}{4}$ " surface hole was spudded by Shelby Rig 11E @ 5:00 A.M., 10-24-87.

- 3 - BLM
- 3 - State
- 1 - EEM
- 1 - MKD
- 3 - Drlg
- 1 - File
- 1 - PLM
- 1 - Sec. 724-C

11/10/87
Vicky or Sami:
Please mark
on card & send
copy to County
assessor. Thanks
A.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. J. Watson

TITLE Office Assistant

DATE 11-3-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0806 111208	
2. NAME OF OPERATOR Chevron U.S.A. Inc. <i>Rm. 11111</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Drl.	
3. ADDRESS OF OPERATOR P. O. Box 599 Denver, CO 80201		7. UNIT AGREEMENT NAME Wonsits Valley Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1036' FWL, 755' FNL (NW $\frac{1}{4}$ NW $\frac{1}{4}$)		8. FARM OR LEASE NAME Wonsits Valley	
14. PERMIT NO. 43-047-31809		9. WELL NO. 101-2	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4972' GL		10. FIELD AND POOL, OR WILDCAT Wonsits Valley-Green River	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S 13, T8S, R21E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

Spudding

XX

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The 26" conductor hole on WVFU #101-2 was spudded on 10-18-87. 80' of 16", H-40 casing was run and cemented to surface.

The 12 $\frac{1}{4}$ " surface hole was spudded by Shelby Rig 11E @ 5:00 A.M., 10-24-87.

- 3 - BLM
- 3 - State
- 1 - EEM
- 1 - MKD
- 3 - Drlg
- 1 - File
- 1 - PLM
- 1 - Sec. 724-C

18. I hereby certify that the foregoing is true and correct

SIGNED *J. K. Watson*

TITLE Office Assistant

DATE 11-3-87

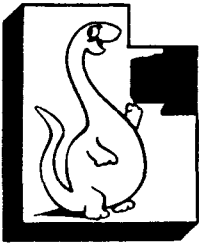
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Reply To: ☐
 Uintah County Courthouse, Rm 20, Vernal, UT 84078 - (801) 781-0770 ☐
 Duchesne County Courthouse, Box 210, Duchesne, UT 84021 - (801) 738-5370 ☐
 Daggett County Courthouse, Box 156, Manila, UT 84046 - (801) 784-3494 ☐
 Roosevelt Branch Office, 57 No. 100 East (83-7), Roosevelt, UT 84066 - (801) 722-5085 ☐

Joseph B. Shaffer, M.A.
 Director
 Health Officer

Norma Nawahine, R.N.
 Nursing Supervisor

Lowell Card, R.S.
 Environmental Health
 Supervisor

Carma Preece
 Office Manager

Board of Health Members

LaRae Sadlier
 LeGrand Gilbert
 Jim Reidhead
 Ellen Rawlings
 Kay Campbell
 Keith Goodspeed
 Richard Jolley, D.D.S.
 Wm. T. Durant, M.D.
 Gary Wold, M.D.

TO: Chevron U.S.A.
 5350 S. Roslyn, Ste. 300
 Englewood, Co

RE: NW/NW, S. 13, T8S, R21E
 Uintah County, Utah

Dr.

43-047-31809

DATE OF INSPECTION: November 4, 1987

Dear Sirs:

This letter is to verify a wastewater inspection made at the above mentioned site and date. An inspection report is enclosed. This letter constitutes approval of the wastewater facilities as constructed and operating at the time of the inspection.

We appreciate your cooperation in designing and maintaining facilities in the interest of public health.

Sincerely,

Lowell Card
 Lowell Card
 Environmental Health Specialist

LC/es

cc: Oil Gas & Mining

NOV 13 1987

CHEVRON U.S.A. INC.

TRANSMITTAL OF DATA

DATE: 11/13/87

WELL: WONSETT VALLEY FEN 101-2

LOCATION: NW/NW SEC13-T8S-R21E
GLINTAH COUNTY UTAH

SENT TO: UTAH OIL & GAS DIVISION
3 TRIAD CENTER, STE 350
SALT LAKE CITY, UTAH 84186-1203

Attention: RONALD J. FIRTH

DESCRIPTION:

QUANTITY:

Q SNG LOG

1 ✓

3DL-DSN "

1 ✓

M L "

1 ✓

D IGL "

1 ✓

FWAT "

1 ✓

REC'D 11-17-87
NC-DOGM

TOTAL 5 LOGS

TRANSMITTAL OF DATA BY

Marj Chaverri
MARJ CHAVERRI

RECEIVED
NOV 17 1987

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

120306

7. UNIT AGREEMENT NAME

Wonsits Valley Federal

8. FARM OR LEASE NAME

Wonsits Valley

9. WELL NO.

101-2

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 13, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with applicable regulations. See also space 17 below.)
At surface

1036' FWL, 755' FNL (NW,NW)

14. PERMIT NO.

43-047-31809

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4972' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Complete Well

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is proposed to complete the WVFU #101-2 as follows:

1. MIRU. N/U BOPE and test.
2. Clean out to BPTD @ 5445'.
3. Perforate G-1 @ 5400'-06', 5410'-20'. Acidize with 1000 gals 15% HCL. Swab test.
4. Perforate F-5 @ 5362'-70'. Acidize with 1000 gals 15% HCL. Swab test.
5. Perforate F-4 @ 5324'-36'. Acidize with 1000 gals 15% HCL. Swab test.
6. Perforate F-2 @ 5266'-84', 5288'-93'. Acidize with 1500 gals 15% HCL. Swab test.
7. Perforate E-5 @ 5200'-09'. Acidize with 1000 gals 15% HCL. Swab test.
8. Clean out to PBTD.
9. Run production equipment. N/D BOPE. N/U tree.
10. Release rig and place well on production.

No approval
needed for this
notice.

- JRB

3-BLM
3-State
1-EEM
1-MKD
3-Drlg.
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Technical Assistant

DATE 11-19-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR
Chevron U.S.A. Inc. Room 11111

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1036' FWL, 755' FNL (NW $\frac{1}{4}$ NW $\frac{1}{4}$)

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-047-31809 DATE ISSUED

15. DATE SPUDDED 10-18-87 16. DATE T.D. REACHED 11-8-87 17. DATE COMPL. (Ready to prod.) 12-4-87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4972' GL 4986' KB 19. ELEV. CASINGHEAD 4972'

20. TOTAL DEPTH, MD & TVD 5560' MD 21. PLUG, BACK T.D., MD & TVD 5436' 22. IF MULTIPLE COMPL., HOW MANY* 5 zones 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5200'-09' (E-5), 5266'-93' (F-2), 5324'-36' (F-4), 5362'-70' (F-5), 5400'-20' (G-1) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR, DSN-CSG-SFL-CNL-GR, FWS-GR, CBL-CCL-GR, Spectral GR MICROLOG 11-17-87 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65.00	80'	26"	to Surface	-
9-5/8"	36.00	532'	12-1/4"	to Surface (300 sx)	-
7"	23/26.00	5559'	8-3/4"	cmt'd w/1350 sx	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	5173'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5200-09, 4 SPF, 90° Ø	5457-59', 4 SPF, 90° Ø	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5266-93', 4 SPF, 90° Ø	(cmt sqzd)	5400-09	Frac'd w/7000 gals 2% KCl/24,000# 16/30
5324-36', 4 SPF, 90° Ø		5362-70'	Acid'd w/1000 gals 15% HCl
5362-70', 4 SPF, 90° Ø		5324-36'	Acid'd w/1000 gals 15% HCl
5400-20', 4 SPF, 90° Ø		5266-93'	Acid'd w/1500 gals 15% HCl

33.* PRODUCTION 5200-09' Frac'd w/9300 gals 2% HCl

DATE FIRST PRODUCTION 12-14-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 12-19-87 HOURS TESTED 24 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD 66 OIL—BBL. 12 GAS—MCF. 932 WATER—BBL. 182 GAS-OIL RATIO

FLOW. TUBING PRESS. 10 psi CASING PRESSURE 24-HOUR RATE 66 GAS—MCF. 12 WATER—BBL. 932 OIL GRAVITY-API (CORR.) 29

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel TEST WITNESSED BY W. M. Sundland

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED J. L. Hutton TITLE Technical Assistant DATE 1/25/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Uintah	Surface	2440	Sh, olvgry-olvgrn-rd brwn, soft, blkcy-sbplatey, calcareous, occ. silty or sandy Ss, crm-ltgr, occ. tan, mod cons, occ. fri, f-mgr, subrd-subang, mod-p sort, calc cmnt. tr glauc, py & brwn oil stn, tr yellow fluor and fast strmgng yellow-green cut Slst, wht-lt gry, frm, argill, sndy & calc				
Green River	2440	2843	Interbedded SS, Dol, Sh & Slst Ss crm-lt gry, f occ m-gr, sbang-sbrd, mod-p srt, mod-v.cons, calc, cmnt, occ. oolites, up intrgran \emptyset , tr brwn-dk brwn oil stn, tr yell flour, immed strong bri yell cut DOL tan-brwn, micxln, arg, n-up intxln \emptyset , tr dk brwn-blk asph, tr immed strong yell cut Sh gry-grybrwn, sl frm, sbblky, tr blk carb lams, tr py, mod-sl calc Slst brwn-tan-crm, frm-sl frm, sbbckly tr black-dk brwn asph inclu, no fluor, tr strong yell cut, mod-sl calc				
	2843	3680	Interbedded 1st, argill. Lst & sh Lst crm-brwn-dk brwn, frm-hd, micxln-ufxln, sl arg to mod. argi; up interxh \emptyset , p-f frac \emptyset , occ brwn oil stain on frac, fnt yell fluor; immed strmgng yell cut				
	3680	4456	Interbedded Dol, Ss, Lst, Slst & Sh DOL crm-lt brwn, sl frm-fim, mic-crypnl, sl arg, p frac \emptyset , up interxln \emptyset , sptty brwn oil stn, dull yell fluor; immed strmgng yell-grn cut Ss tan-clr, f-vf gr, subang, w srt, mod cons., occ.fr: cac1 cmt, occ. argmtrx pvis intrgran \emptyset tr brwn p.pt o stn occ brt yell fluor: spotty-even, slo strmgng yell-grn cut Lst brwn-tan, frm-v.frm, micxln, v.mod arg, n vis \emptyset , occ.even yell fluor, fast strmgng yell-grn cut Slst brwn-dk brwn, frm-hd, blkcy-sbply, sl arg, tr py NSOFC Sh brwn-dk brwn, frm-sltly hrd, blkcy-sbplatey, tr slt, sl dol				

(CONTINUED ON ATTACHED SHEET)

WVFU #101-2
Uintah County, Utah

#37 SUMMARY OF POROUS ZONES:

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River (continued)	4456	4697	Interbedded Sh, Dol, Slst, Lst, rare Ss AA
	4697	5189	Interbedded Ss, Sh, Lst, Slst, Dol Ss AA Sh gy-grn-gry-rdbrwn, sft-frm, sbplatey tr py sl cac1 Lst tan-brwn-dkgry-brwn, mic-crpxln, sl-mod arg, abnt ostracods, tr vp vis intxl ø, tr brwn spotty o stn, occ dull yell fluor, slo-mod strmng yelgrn cut Slst AA Dol tan-brwn, mod, sl firm-frm, micxln, v arg, grdg Sh, NSOFC
	5189	5436	Core: See Attached
	5439	5560 (TD)	Sh , occ beds Ss & Lst Sh brwn-dkbrwn, sbplty-sbtis, trpy, n-sl calc, NSOFC Ss ltbrwn-clr, f-m gr, sbang-sbrd, w srt, sl calc, p-fr intgran ø even brwn oil stn, even bri yell fluor, modstrmg bri blugrn cut Lst tan-brwn, micro-cryxln, sl argil, tr ostracods, occ. sndy, no stn, sptty dull yell fluor, slo strmng yell-grn cut

RECEIVED
FEB 01 1988

DIVISION OF
OIL, GAS & MINING

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON U.S.A. INC. Well #101-2 Field WONTS VALLEY UNIT
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County UTAH
 Core No. 1 From 5189' To 5249' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-4-87

LITHOLOGIC DESCRIPTION

DEPTH CORING TIME
MINUTES PER FOOT

5189		SH, gy-gybrn, frm-sft, sbplty, tr sl slty, sl-mod calc
	?	
5190	15.7	
5191		SH, gybrn-dk gybrn, frm-sl frm, sbplty, sl calc
	22.2	
5192	16.0	
5193		SH, dk gybrn-gybrn, frm, sbplty, sl calc
	21.0	
5194	16.1	
5195		SH, dk gy-gybrn, frm-sl frm, sbplty, mod calc
	20.0	
5196	15.0	
5197	13.0	SS, clr, gy-dk gy, f gr, sbang-ang, w srt, calc cmt, w cons, abnt w rd dk gy ool, vp vis intgran ϕ , n vis o stn, a o flor, slo stag yelgn cut
5198	6.0	SS, gybrn-brn, f gr, sbang-ang, w srt, w cons, calc cmt, abnt w rd dk gy ool, p-fr vis intgran ϕ , occ g vis oom ϕ , abnt even brn o stn, bri-mod yel even o flor, immed stag blgn-yelgn cut, mod od
5199	6.0	SS, gy-gybrn-brn, f gr, sbang-ang, w srt, w cons, calc cmt, abnt ool, fr-g vis intgran ϕ , occ g oom ϕ , abnt even brn-lt brn o stn, bri yel even o flor immed stag blgn-yelgn cut, mod od
5200	4.0	
5201		
	5.5	
5202	4.5	SS, brn-gybrn, f gr, sbang-ang, w srt, w cons, calc cmt, abnt ool, occ fr-g vis intgran ϕ , pos oom ϕ , abnt brn even o stn, bri yel-yel even o flor, immed stag bri blgn cut, mod od
5203	5.5	
5204	4.5	
		SS, a/a, decreasing ool
5205	6.0	
5206	5.0	SS, brn, f gr, sbang-ang, w srt, w cons, calc cmt, occ ool, fr-p vis intgran ϕ , abnt brn even o stn, bri yel-yel even o flor immed stag bri blgn cut, sl od
5207	14.5	
		SH, gy-dk gy, frm, plty, 40% sdy-sltly crw-lt gy lam, sl calc
5208	13.5	
5209		

Driller: SHELBY

Cutter Head, Kind and Size CHRISTENSEN C-201, 8 3/4" X 4"

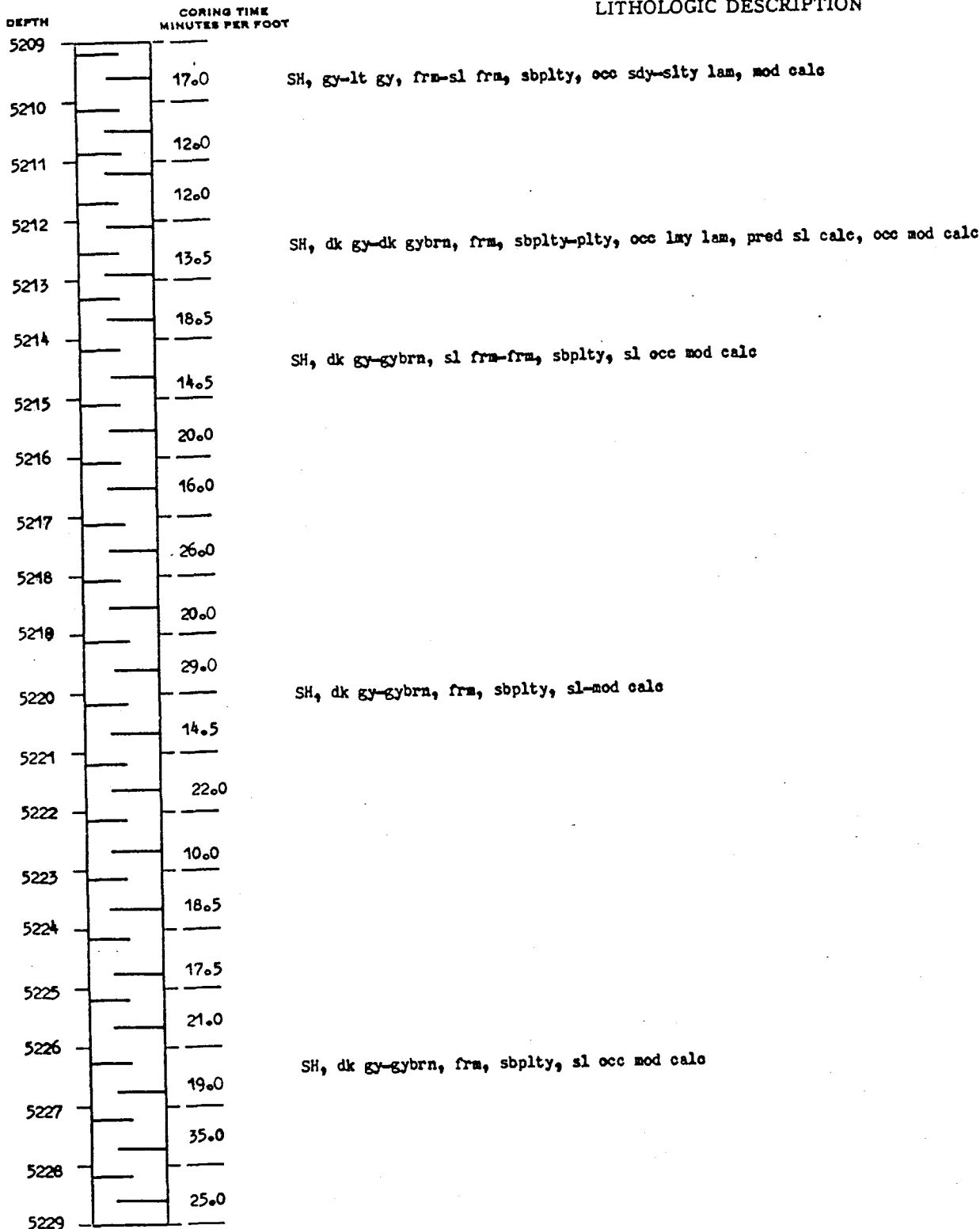
Core Description By BRIAN X. WALSH, GEO INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON U.S.A. INC. Well #101-2 Field WONSETTS VALLEY UNIT
 Location NW NW Sec. 85 Twp. 8S Rge. 21E County UINTAH
 Core No. 1 From 5189' To 5249' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-4-87

LITHOLOGIC DESCRIPTION



Driller: SHELBY Cutter Head, Kind and Size CHRISTENSEN C-201, 8 3/4" X 4"

Core Description By BRIAN X. WALSH, GEO INC.

Chevron U.S.A. Inc. GRAPHIC CORE LOG

Company <u>CHEVRON U.S.A. INC.</u>	Well <u>#101-2</u>	Field <u>WONSITS VALLEY UNIT</u>
Location <u>NW NW</u> Sec <u>13</u> Twp <u>8S</u> Rge <u>21E</u>	County <u>UINTAH</u>	
Core No. <u>1</u> From <u>5189'</u> To <u>5249'</u> Recovered <u>60'</u>	State <u>UTAH</u>	
Formation <u>GREEN RIVER</u>	Date <u>11-4-87</u>	

LITHOLOGIC DESCRIPTION

DEPTH	CORING TIME MINUTES PER FOOT	
5229		SH, dk gy-gybrn, frm sbplty, occ blk carb incl, sl-mod calc
	19.0	
5230		
	16.0	
5231		
	22.0	
5232		
	15.5	
5233		SH, v dk gy, frm, sbplty, occ blk carb incl, sl calc
	15.5	
5234		
	9.5	
5235		
	11.0	
5236		SH, tan-dk gy, frm-sft, plty, occ blk carb lam, pred sl calc, mod calc ip, n vis o stn, n o flor, <u>mod-slo stag yelgn-blgn cut</u>
	8.5	
5237		
	10.0	
5238		
	8.0	
5239		SH, brn-gybrn, frm, sbplty, sl occ mod calc
	12.5	
5240		
	12.0	
5241		
	15.0	
5242		
	12.0	SH, dk gy, frm, sbplty, pred sl calc, tr sl slty
5243		
	12.0	
5244		SH, gy-gybrn, frm-sl frm, sbplty-plty, lmy lams, occ brn intfrac o, bri yelgn intfrac & intlam o flor, <u>mod stag bri blgn-yelgn cut, tr sl slty</u>
	9.0	
5245		
	9.5	
5246		
	8.0	
5247		SILTST, tan, v cons, sbplty, sl arg, <u>abnt even-sptty tan o stn, abnt yelgn even-sptty o flor,</u> <u>fst-mod stag bri blgn cut, occ grdg- vf gr SS</u>
	10.0	
5248		
	8.5	
5249		SH, gy-dk gy, frm, sbplty, occ sdy-slty lam/lense, sl occ mod calc

Driller: SHELBY Cutter Head, Kind and Size CHRISTENSEN C-201, 8 3/4" X 4"

Core Description By BRIAN X. WALSH, GEO INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSTTS VALLEY FEDERAL #101-2 Field WONSTTS VALLEY
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County UINTAH
 Core No. 2 From 5249' To 5281' Recovered 32' State UTAH
 Formation GREEN RIVER Date 11-5-87

LITHOLOGIC DESCRIPTION

DEPTH	CORING TIME MINUTES PER FOOT	
5249		
	15.2	DOL, crm-lt brn, frm, micxln-f xln, n-sl arg, occ ool, abnt OST, p-fr intxln ϕ , <u>even lt brn o stn, even bri yel flor, mod strag mlky yelgn cut, grdg SS</u>
50		
	15.2	
51		SLTST, lt gy-gy, frm, blk-y-sbplty, sl arg, occ sdy, sl calc, <u>n stn, n flor, v fnt mlky gn cut</u>
	20.4	
52		SLTST, gy-gybrn, blk-y-sbplty, sl arg, rr sdy, calc, <u>sptty brn o stn, ptchy yel flor, fnt mlky gn cut</u>
	11.0	
53		
	13.0	SLTST, gy-gybrn, frm, blk-y-sbplty, sl arg, rr sdy, calc, <u>ptchy lam o stn, lam dl yel flor, fnt mlky yelgn cut</u>
54		
	10.5	DOL, lt gy-lt gybrn, frm-sl hd, micxln-vf xln, v sl arg, p intxln ϕ , v sdy, <u>sptty lt brn o stn, sptty yel flor, immed strag mlky yelgn cut</u>
55		
	15.5	
56		SH, gy-gybrn, frm-sl hd, sbfis-fis, calc, <u>v fnt mlky yelgn cut</u>
	10.8	
57		
	15.8	
58		
	12.0	
59		
	18.5	
60		
	12.2	
61		
	18.5	
62		
	12.0	LS, gy-dk gy, frm-sl hd, micxln-crpxln, sl-v arg, vp intxln ϕ , <u>lam brn o stn, lam dl yel flor, slo strag mlky yelgn cut</u>
63		
	12.0	DOL, brn-lt gybrn, frm-sl hd, f-vf xln, sl arg, abnt ool, fr-g intxln ϕ g oom ϕ , <u>bleeding oil, even brn o stn, even bri yel flor, immed strag bri yelgn cut</u>
64		
	6.0	
65		
	6.5	
66		
	5.0	
67		
	6.0	
68		
	4.5	
5269		

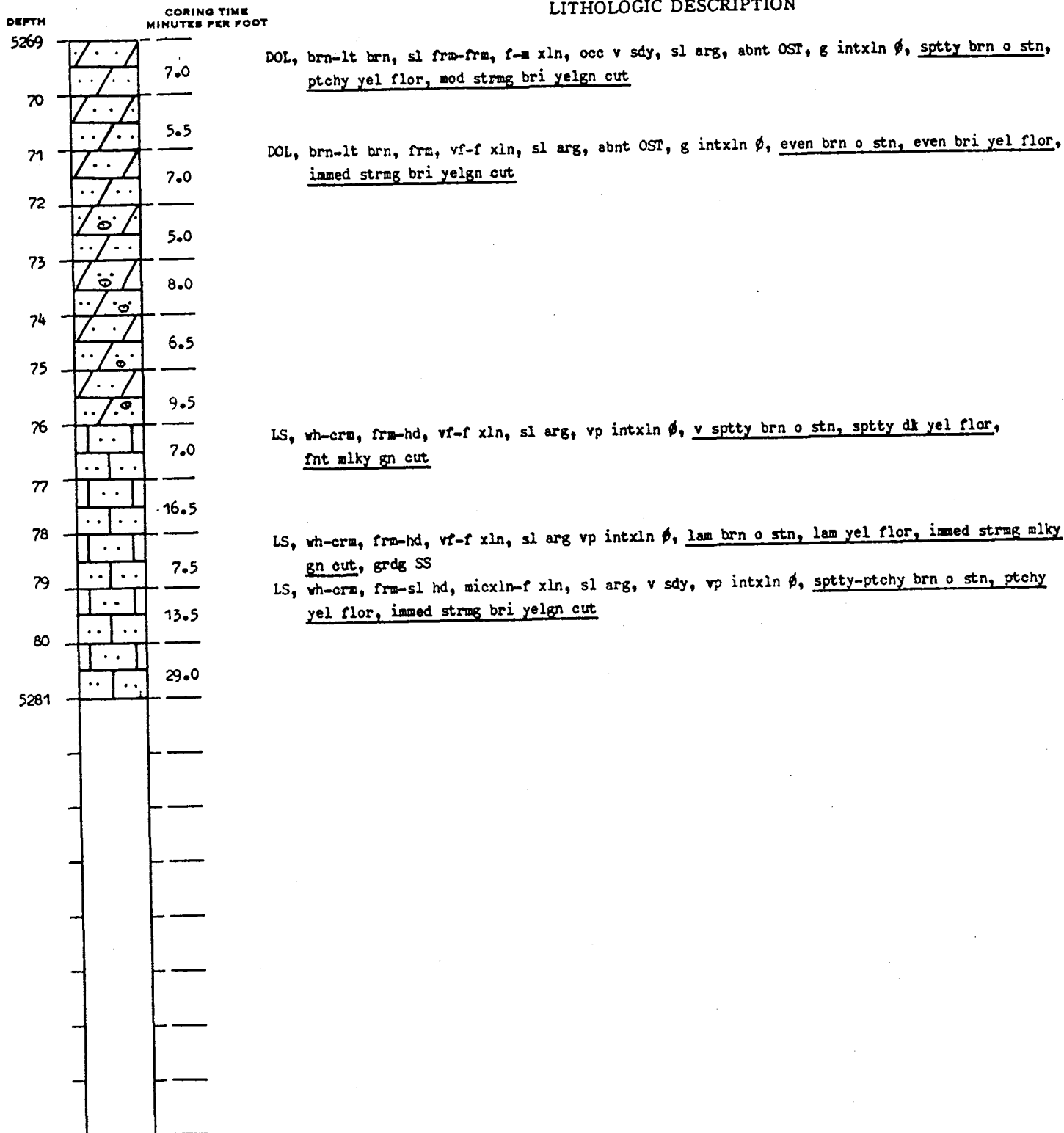
Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc. GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County UINTAH
 Core No. 2 From 5249' To 5281' Recovered 32' State UTAH
 Formation GREEN RIVER Date 11-5-87

LITHOLOGIC DESCRIPTION



Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County HUNTAN
 Core No. 3 From 5281' To 5316' Recovered 33' State UTAH
 Formation GREEN RIVER Date 11-6-87

LITHOLOGIC DESCRIPTION

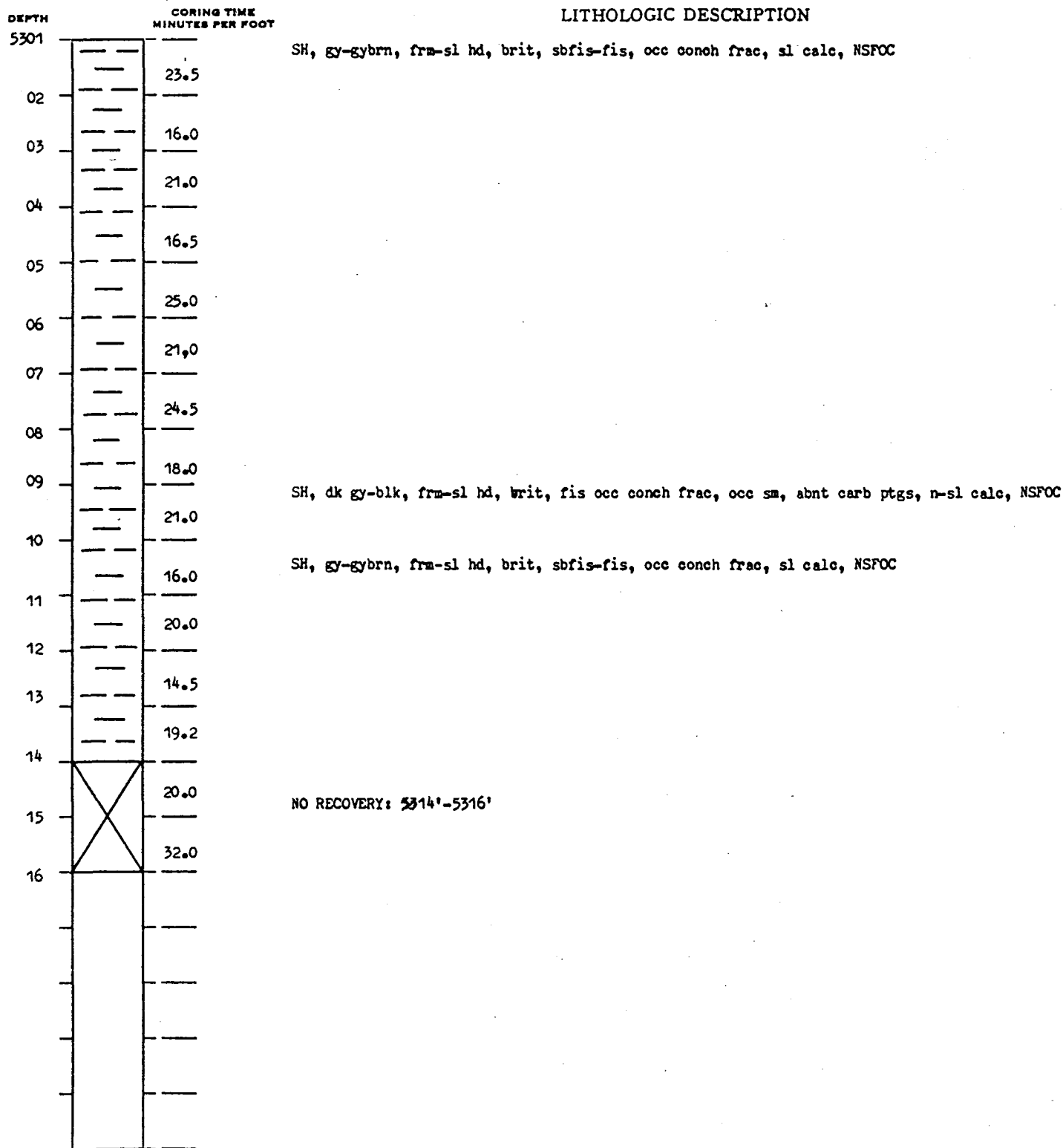
DEPTH	CORING TIME MINUTES PER FOOT	
5281		SLTST, frm-blky-sbblky, v sl arg, occ sdy, calc, p intxln ϕ , <u>banded even lt brn o stn,</u>
82	15.0	<u>bri yel flor, slo strng mlky yelgn cut</u>
	11.0	
83		LS, crm-lt brn, frm, micxln-f xln, sl arg, v slty-sdy, p intxln ϕ , <u>occ banded even lt brn</u>
	15.0	<u>o stn, ptchy bri yel flor, v slo strng mlky yelgn cut</u>
84		
	15.0	SH, gy, frm, sbfis-fis, sl slty, sl dol, NSFOC
85		
	15.2	
86		SS, lt gy-lt brn occ clr, vf-f gr, ang-sbang, w srt, fri-mod cons, sl dol, p-fr intgran ϕ ,
	11.5	<u>sptty lt brn o stn, ptchy bri yel flor, mod strng yelgn cut</u>
87		SS, lt gy-lt brn occ clr, vf-f gr, ang-sbang, w srt, fri-mod cons, sl dol, p-fr intgran ϕ ,
	14.5	<u>bleeding oil, ptchy lt brn o stn, even bri yel flor, immed strng bri yelgn cut</u>
88		
	12.5	
89		SS, lt gy-lt brn occ clr, vf-f gr, sbang-sbrd, w srt, fri-mod cons, sl slty mtx, v calc, occ
	13.0	SH ptgs, p-fr intgran ϕ , <u>even lt brn o stn, even bri yel flor, immed strng bri yelgn cut</u>
90		
	tight hole,	
91	no rate	
	12.5	LS, brn-lt brn, frm-sl hd, micxln-crpxln, sl arg, p intxln ϕ , <u>ptchy lt brn o stn, ptchy dl</u>
92		<u>yel flor, immed strng bri yelgn cut</u>
	13.4	SH, gy-gybrn, frm, brit, sbfis-fis, occ conch frac, sl calc, <u>ptchy dl yel flor, immed strng</u>
93		<u>bri yelgn cut</u>
	19.0	
94		
	13.2	LS, crm-lt brn, frm-sl hd, micxln, sl arg, abnt ool, tr slty, p intxln ϕ , <u>v sptty yel flor</u>
95		<u>in frac, slo strng yelgn cut</u>
	19.0	LS, crm-lt brn-brn, frm-v frm, micxln, v sl arg, abnt ool, occ OST, p intxln ϕ , <u>ptchy brn</u>
96		<u>o stn, ptchy bri yel flor, bleeding oil, immed strng bri yelgn cut</u>
	13.2	SH, gy-gybrn, frm, brit, sbfis-fis, occ conch frac, sl calc
97		
	18.5	
98		
	15.0	
99		
	19.0	
5300		
	15.6	
01		

Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc. GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec 13 Twp 8S Rge 21E County UINTAH
 Core No. 3 From 5281' To 5316' Recovered 33' State UTAH
 Formation GREEN RIVER Date 11-6-87



Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec 13 Twp 8S Rge 21E County UINTAH
 Core No. 4 From 5316' To 5326' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-6-87

LITHOLOGIC DESCRIPTION

DEPTH		CORING TIME MINUTES PER FOOT	
5316			SH, gy-dk gy, frm, sbplty-fis, ff tr fos, sl calc, NSFOC
17		13.0	
		24.0	
18		14.0	SH, lt gy-gy, frm, sbplty-fis, sl calc, tr frac ϕ , <u>sptty brn o stn, sptty bri yel flor,</u> <u>slo strmg alky blugn cut</u>
19		20.0	
20		14.0	
21		12.0	
22		8.0	SS, wh-v lt brn clr, vf gr, ang-sbang, w srt, fri-mod cons, calc, p-fr intgran ϕ , <u>ptchy brn</u> <u>o stn, ptchy bri yel flor, mod strmg alky blugn cut</u>
23		10.0	SS, wh-clr, vf-f gr, ang-sbang, wsrt, mod cons, abnt OST, calc, p-fr intgran ϕ , <u>lam brn o stn,</u> <u>lam brn-yel flor, slo strmg alky blugn cut</u>
24		7.5	
25		10.0	SH, gy-dk gy frm, sbfis-fis, occ OST, v sl calc, NSFOC
26		6.0	SS, wh-clr-lt brn, vf-f gr, ang-sbang, w srt, mod cons-fri, occ OST, occ ool, sl calc, fr <u>intgran ϕ, sat brn o stn, even bri yel flor, immed strmg bri blugn cut</u>
27		6.5	
28		6.5	SS, wh-clr-lt brn, vf-f gr, ang-sbang, w srt, fri-mod cons, occ OST, Occ ool, sl calc, fr <u>intgran ϕ, bleeding oil, sat brn o stn, even bri yel flor, immed strmg bri blugn cut</u>
29		10.5	
30		7.0	
31		10.0	
32		8.0	
33		9.5	SS, wh-clr-lt brn, vf-f gr, ang-sbang, w srt, mod cons, occ OST, sl calc, p-fr intgran ϕ , <u>lam brn o stn, ptchy-lam yel flor, immed strmg dl blugn cut</u>
34		8.5	
35		15.0	SLIST, wh-lt gy, frm-sl hd, blkly-sbplty, n-v sl arg, vp intgran ϕ , <u>sptty fnt dl yel flor,</u> <u>slo strmg alky gn cut</u>
5336			

Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"
 Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County UINTAH
 Core No. 4 From 5316' To 5376' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-6-87

LITHOLOGIC DESCRIPTION

DEPTH
5336

CORING TIME
MINUTES PER FOOT

5336	10.5	SLTST, wh-lt gy, frm-sl hd, blk-ysbplty, n-v sl arg, vp intgran ϕ , <u>sptty fnt dl yel flor,</u> <u>slo strag mlky gn cut</u>
37	14.0	SH, gy-dk gy, frm, sbfis-fis, sl calc, abnt carb/gilsonite in frac, <u>n flor, slo strag</u> <u>fnt mlky gn cut</u>
38	11.0	SH, gy-dk gy, frm, sbfis-fis, occ sdy sl calc, NSFOC
39	15.0	
40	11.0	
41	15.0	SLTST, wh-clr, frm-sl hd, blk-ysbblky, calc, p intgran ϕ , <u>n stn, n flor, v fnt mlky gn cut</u>
42	12.5	
43	16.5	
44	10.5	SH, gy-dk gy, frm-sl hd, sbfis-fis, sl calc, tr carb/gilsonite in frac, <u>immed strag bri yel cut</u>
45	18.0	
46	11.5	
47	15.5	
48	11.0	SS, wh-clr-lt brn, f gr, ang-sbang, w srt, fri-mod cons, fr intgran ϕ , <u>bleeding oil, ptchy brn</u> <u>o stn, even bri yel flor, immed strag bri blugn cut</u>
49	14.5	
50	11.0	SS, wh-clr-lt brn, f gr, ang-sbang, w srt, fri-mod cons, fr ingran ϕ , <u>sptty brn o stn, sptty</u> <u>dl yel flor, mod strag bri blugn cut</u>
51	13.0	
52	10.5	SH, lt gy-gy, frm-sl hd, sbplty-sbblky, occ sdy lenses, v sl calc, NSFOC
53	16.0	SH, gy-dk gy, frm-sl hd, brit, fis, occ conch frac, sl calc, occ carb/gilsonite in frac, <u>n stn,</u> <u>n flor, immed strag yelgn cut</u>
54	11.5	
55	21.5	SS, wh-clr-lt brn, f-m gr, ang-sbang, w srt, fri-mod cons, occ OST, fr intgran ϕ , <u>sat brn o stn,</u> <u>even bri yel flor, immed strag bri blugn cut</u>
5356		

Driller: _____ Cutter Head, Kind and Size CHRIS C-200 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County UINTAH
 Core No. 4 From 5316' To 5376' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-6-87

LITHOLOGIC DESCRIPTION

DEPTH 5356'	CORING TIME MINUTES PER FOOT	
	16.0	SS, wh-clr-lt brn, f-m gr, ang-sbang, v srt, fri-mod cons, occ OST, occ ool, sl calc, fr intgran ϕ , <u>sat brn o stn, even bri yel flor, immed strng bri blugn cut</u>
57	20.5	
58	14.5	SLTST, gy-dk gy gybrn, frm, sbply-sbfis, sl arg, occ SS intbd, sl calc, NSFOC
59	19.0	
60	14.0	SH, gy-dk gy, frm-sl hd, brit, sbfis-fis, tr carb/gilsonite incl, sl calc, <u>immed strng dl yel cut</u>
61	15.0	
62	12.0	SS, lt brn-brn, f-m gr, ang-sbang, v srt, fri-mod cons, v ool, occ OST, fr-g intgran-oom ϕ , <u>bleeding oil, sat, brn o stn, even bri yel flor, immed strng bri blugn cut</u>
63	11.0	
64	11.0	
65	11.5	
66	11.0	
67	14.5	
68	10.5	SS, lt brn-wh, f-m gr, ang-sbang, w srt, fri-modcons, v ool, occ OST, fr-g intgran-oom ϕ , <u>ptchy brn o stn, even yel flor, immed strng bri blugn cut</u>
69	15.0	SS, wh-clr, f-m gr, ang-sbang, w srt, fri-mod cons, abnt ool, occ OST, sl calc, <u>sptty brn o stn, sptty dk yel flor, v fnt mlky gn cut</u>
70	13.5	SLTST, gy-dk gy, frm, sbply-sbply, sl arg, sl calc, NSFOC
71	18.0	
72	13.0	SLTST, clr-lt gy-wh, frm-sl hd, bkly-sbply, v sl arg, calc, NSFOC
73	18.0	
74	15.0	SLTST, clr-wh-lt gy-gy, frm-sl hd, bkly-sbply, occ sl arg, grdg SS, calc, NSFOC
75	15.0	
5376		

Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

Chevron U.S.A. Inc.
GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec 13 Twp 8S Rge 21E County UINTAH
 Core No. 5 From 5376' To 5436' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-7-87

LITHOLOGIC DESCRIPTION

DEPTH	CORING TIME MINUTES PER FOOT	
5376		SH, gy-dk gy, frm-sl hd, sbfis-fis, sl calc, NSFOC
	6.5	
77		
	14.5	
78		
	17.5	
79		SH, gy-dk gy, frm-sl hd, sbfis-fis, sl calc, tr carb/gilsonite, <u>n flor, immed strmg yel cut</u>
	13.0	
80		
	18.0	
81		
	11.5	
82		
	16.5	
83		
	14.0	
84		SLTST, gy-gybrn, frm-sl hd, sbplty-sbfis, sl dol, <u>n stn, ptchy lam dl yel flor, slo strmg</u>
	17.0	<u>alky gn cut</u>
85		
	13.5	
86		
	21.0	
87		SH, lt gy-gy gybrn, frm, brit, sbfis-fis, v sl dol, NSFOC
	15.5	
88		
	19.5	
89		
	16.0	
90		
	19.0	
91		
	14.0	
92		
	20.0	
93		
	13.0	
94		
	20.5	
95		LS, gy-gybrn, frm, micxn, <u>pred OST</u> , lmy mtx, vp intost ϕ , <u>v sptty lt brn o stn, v sptty</u>
	16.0	<u>yel flor, slo strmg fnt gn cut</u>
96		

Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES GEO, INC.

Chevron U.S.A. Inc.

GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec. 13 Twp. 8S Rge. 21E County MONTANA
 Core No. 5 From 5376' To 5436' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-7-87

LITHOLOGIC DESCRIPTION

DEPTH	CORING TIME MINUTES PER FOOT	
5396		SLTST, lt gy-gy, frm, blkly-sbplty, sl arg, lam bdd, sl calc, NSFOC
	20.5	
97		
	18.5	
98		
	23.0	
99		
	16.0	
5400		LS, brn-dk brn, frm, micxln mtx, <u>pred OST</u> , fr-g intost \emptyset , <u>bleeding oil</u> , <u>sat brn o stn</u> , <u>even bri yel flor</u> , <u>immed strmg bri blugn cut</u>
	9.0	
01		
	3.0	
02		
	4.0	
03		
	2.5	
04		LS, lt gy-lt gybrn, frm, micxln, sl arg, <u>occ OST</u> , p-f intxln \emptyset , <u>ptchy brn o stn</u> , <u>ptchy bri yel flor</u> , <u>mod strmg yelgn cut</u>
	4.5	
05		
	9.0	SS, wh-clr lt gy, f gr, sbang-sbrd, w srt, mod cons, sl calc, <u>n stn</u> , <u>n flor</u> , <u>slo strmg mlky blugn cut</u>
06		
	18.0	SS, wh-clr lt gy-lt brn, f gr, sbang-sbrd, w srt, mod cons, sl calc, <u>n stn</u> , <u>even dl yel flor</u> , <u>mod strmg blugn cut</u>
07		
	15.0	SS, lt brn-lt gybrn, f gr, sbang-sbrd, w srt, fri-mod cons, sl calc, <u>occ OST</u> , p intgran \emptyset , <u>even lt brn o stn</u> , <u>even bri yel flor</u> , <u>mod strmg blugn cut</u>
08		
	21.0	SS, lt brn-lt gy, m gr, sbang-ang, w srt, mod cons, sl calc, <u>occ OST</u> , p intgran \emptyset , NSFOC
09		
	16.5	LS, v lt gybrn-v lt brn, frm-sl hd, m-c xln, <u>occ OST</u> , vp intxln \emptyset , <u>n stn</u> , <u>n flor</u> , <u>slo strmg fnt gn cut</u>
10		
	19.0	SS, brn-dk brn, f gr, ang-sbang, w srt, fri-mod cons, sl calc, fr-g intgran \emptyset , <u>bleeding oil</u> , <u>even brn o stn</u> , <u>even bri yel flor</u> , <u>immed strmg bri blugn cut</u>
11		
	12.5	
12		
	18.0	SS, lt brn-brn, f gr, ang-sbang, w srt, fri-mod cons, sl calc, fr-g intgran \emptyset , <u>sat brn o stn</u> , <u>bri yel flor</u> , <u>immed strmg bri blugn cut</u>
13		
	9.0	
14		
	15.0	
15		
	12.0	
5416		

Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-CEO, INC.

Chevron U.S.A. Inc. GRAPHIC CORE LOG

Company CHEVRON USA, INC. Well WONSITS VALLEY FEDERAL #101-2 Field WONSITS VALLEY
 Location NW NW Sec 13 Twp 8S Rge 21E County UINTAH
 Core No. 5 From 5376' To 5436' Recovered 60' State UTAH
 Formation GREEN RIVER Date 11-7-87

LITHOLOGIC DESCRIPTION

DEPTH	CORING TIME MINUTES PER FOOT	
5416		
	13.0	
17		SS, v lt gy-lt brn, f gr, ang-sbang, w srt, mod cons, sl calc, fr intgran ϕ , <u>even-lam bri yel</u>
	10.0	<u>flor, mod strng blugn cut</u>
18		SS, lt brn-brn, f gr, ang-sbang, w srt, mod cons, sl calc, fr intgran ϕ , <u>sat brn o stn, even</u>
	17.5	<u>bri yel flor, immed strng bri blugn cut, bleeding oil</u>
19		
	14.0	
20		
	21.0	
21		SS, lt gy-v lt brn, vf gr, ang-sbang, w srt, mod cons, fri, sl calc, p-fr intgran ϕ , <u>sptty brn</u>
	16.0	<u>o stn, sptty dl yel flor, slo strng blugn cut</u>
22		
	17.0	
23		
	15.0	SH, lt gy-gy, frm-sl hd, sbfis-fis, occ conch frac, BRAC, sl calc
24		SH, gy-dk gy, frm-sl hd, sbfis-fis, occ conch frac, sl calc, NSFOC
	19.5	
25		
	15.0	
26		
	20.5	
27		
	16.0	
28		
	17.0	
29		
	15.5	
30		
	21.0	
31		
	16.0	
32		
	21.0	
33		
	14.0	
34		
	22.0	
35		
	21.0	
5436'		

Driller: _____ Cutter Head, Kind and Size CHRIS C-201 8 3/4" X 4"

Core Description By PAUL R. STILES-GEO, INC.

CHEVRON U.S.A. INC.

TRANSMITTAL OF DATA

DATE: 2/23/88

WELL: WILSON VALLEY FLD #101-2

LOCATION: SER 13-85-21E

WINTANA, UTAH

SENT TO: State of Utah

Division of Oil, Gas and Mining

3 Triad Center, Suite 350

Salt Lake City, UT 84180-1203

ATTENTION: Ronald J. Firth

RECEIVED
FEB 26 1988

DIVISION OF
OIL, GAS & MINING

DESCRIPTION:

QUANTITY:

TEMPERATURE LOG

1

TOTAL 1

TRANSMITTAL OF DATA BY

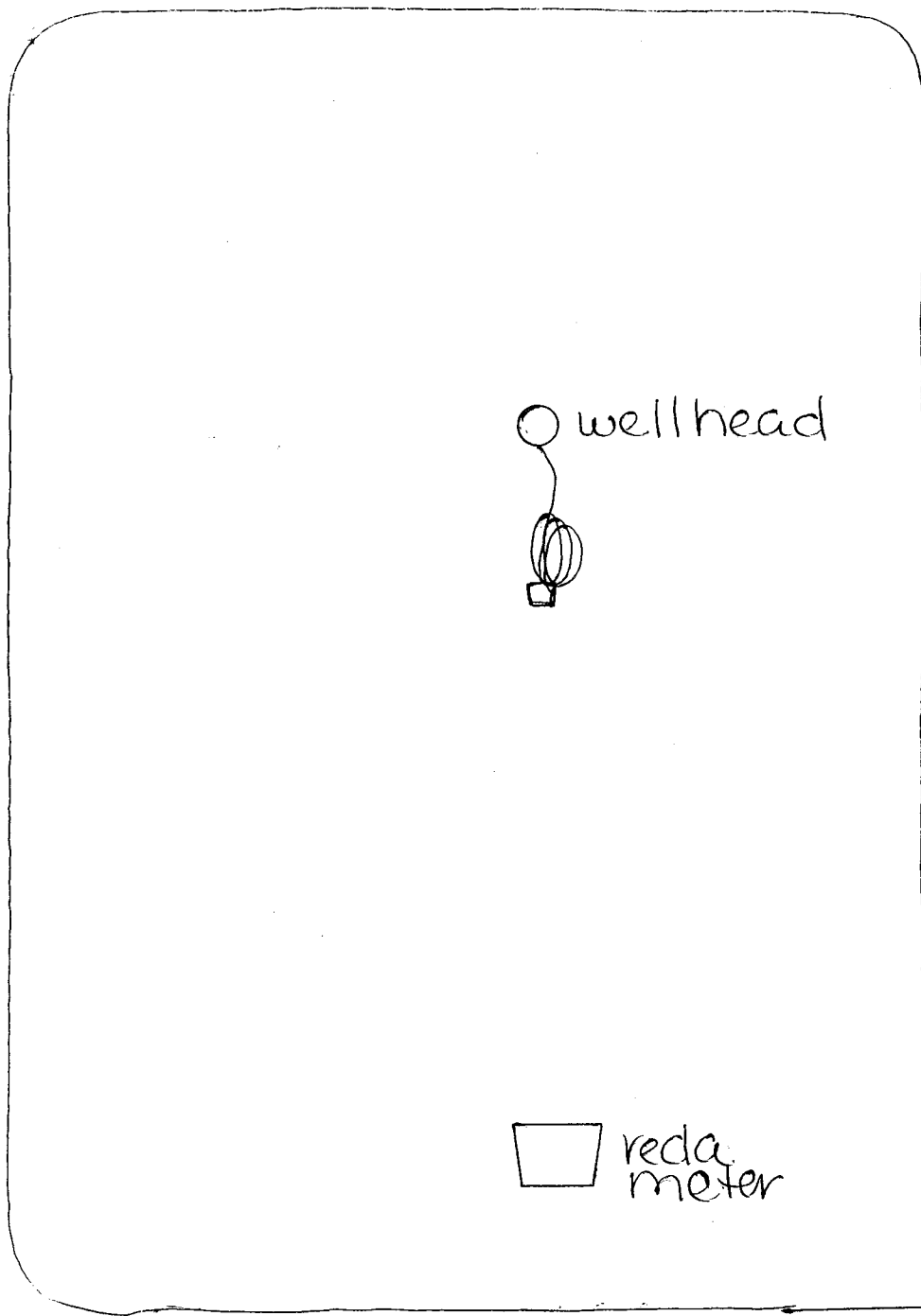
Marj Chaverri
MARJ CHAVERRI

31809

Ardu 101-2

Sec 13, T8S, R21E

Hubby 4/23/89



reda
meter

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN _____

5. LEASE DESIGNATION AND SERIAL NO.

U-0860

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug-back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

6. IF INDIAN, ALLOTES OR TRIBE NAME

1. OIL GAS
WELL ☒ WELL ☐ OTHER7. UNIT AGREEMENT NAME
WONSITS VALLEY FEDERAL

2. NAME OF OPERATOR

CHEVRON U.S.A. INC

8. FARM OR LEASE NAME
WVFU

3. ADDRESS OF OPERATOR

PO BOX 599 Attn: D. S. FERGUSON
DENVER, CO. 80201 (303)-930-30859. WELL NO.
101-24. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1036' FWL, 755' FNL10. FIELD AND POOL, OR WILDCAT
WONSITS VALLEY - GREEN RIVER11. SEC., T., R., M., OR SLX AND
SURVEY OR AREA
SEC 13 - T8S - R21E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF= 12 RKB= 4,984' GR= 4,972 OTHER=

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other) PLUG BACK AND CONVERT TO ROD PUM ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other) N/A ☐(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of
starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones
pertinent to this work.)*

1. MIRU, KILL WELL IF NECESSARY, POOH W/ TBG AND SUMP PUMP
2. MAKE BIT AND SCRAPER RUN TO 5436' (PBTD).
3. SET CIBP AT 5100' AND SPOT 50' OF CMT ON TOP OF SAME.
4. PERF F/ 4944'-4951', 4690'-4694', AND 4630'-4638' WITH 4 SPF. TEST EACH ZONE INDIVIDUALLY
AND ACIDIZE IF FER IS LOW. A POSSIBLE SAND FRAC IS ALSO BEING PLANNED FOR THE UPPER PERF ZONE.
5. RIH W/ PROD TBG. EOT, PSN, AND TAC SETTING DEPTHS WILL BE SPECIFIED AFTER ZONE TESTS ARE COMPLETED.
6. N/D BOPE. N/U PUMP TREE. EQUIP WELL TO ROD PUMP.

3-BLM 1-DRLG
1-EPA 1-FILE
3-STATE
1-JRBAPPROVED BY THE STATE
DIVISION OF
OIL, GAS, AND MINING
DATE: 8-8-91
BY: [Signature]

RECEIVED

AUG 05 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE DRILLING ENGINEER

DATE 8/1/91

(This space for State office use)

APPROVED BY
CONDITIONS OF APPROVAL IF ANY

TITLE

DATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE

5. LEASE DESIGNATION AND SERIAL NO.
U-0860

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug-back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

6. IF INDIAN, ALLOTES OR TRIBE NAME

1. OIL GAS
WELL ☒ WELL ☐ OTHER7. UNIT AGREEMENT NAME
WONSITS VALLEY FEDERAL2. NAME OF OPERATOR
CHEVRON U.S.A. INC8. FARM OR LEASE NAME
WVFU3. ADDRESS OF OPERATOR
PO BOX 599 Attn: M.S. KIETH
DENVER, CO. 80201 (303)-930-30009. WELL NO.
#101-24. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1036' FWL, 755' FNL10. FIELD AND POOL, OR WILDCAT
WONSITS VALLEY
GREEN RIVER11. SEC., T., R., M., OR SLX. AND
SURVEY OR AREA
SEC 13-T8S-R21E

14. PERMIT NO.

43-47-31809

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF= 12' RKB= 4984' GR= 4972' OTHER= N/A

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of
starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones
pertinent to this work.)*

1. MIRU GUDAC WS ON 8/15/91. POOH W/PROD TBG AND PUMP.
2. MADE BIT AND SCRAPER RUN TO 5407'.
3. SET CIBP AT 5100' AND SPOTTED 50' CEMENT ON SAME.
4. PERFORATE 4944-4951 AND ACIDIZED SAME.
5. PERFORATE 4690-4694 AND ACIDIZED SAME.
6. PERFORATE 4630-4638 AND SWAB TESTED SAME.
7. RIH W/152 JOINTS OPEN-ENDED TBG TO 4608'. N/D BOP, N/U TREE.
8. RDMOL. WELL TA'D 8/26/91.

3-BLM 1-DRLG
3-EPA 1-FILE
3-STATE
1-JRB

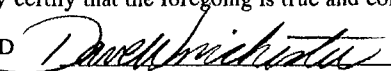
RECEIVED

SEP 20 1991

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE DRILLING ENGINEER

DATE

9/17/91

(This space for State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
☒ Well ☐ Well ☐ Other

2. Name of Operator
Chevron U.S.A. Inc.

3. Address and Telephone No.
P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755 FNL, 1036 FWL
Section 13, T8S; R21E

5. Lease Designation and Serial No.
U-0806

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Wonsits Valley Fed

8. Well Name and No.
101-2

9. API Well No.
43-047-31809

10. Field and Pool, or Exploratory Area
Wonsits-Green River

11. County or Parish, State
Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Status Report
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note) Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The well is currently shut in due to high water production. We plan to attempt to squeeze the water production or p&a in the near future.

3 - BLM
3 - State
1 - JTC
1 - Well File
1 - CLA

14. I hereby certify that the foregoing is true and correct

Signed

Title Permit Specialist

Date

2/18/92

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
☒ Well ☐ Well ☐ Other

2. Name of Operator
Chevron U.S.A. Inc.

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
755' FNL, 1036' FWL, S13-T8S-R21E

5. Lease Designation and Serial No.
U-0806

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Wonsits Valley Fed. Unit

8. Well Name and No.
WVFU #101-2

9. API Well No.
43-047-31809

10. Field and Pool, or Exploratory Area
Wonsits Valley-Grn. River

11. County or Parish, State
Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well is shut-in due to high water-oil ratio.

RECEIVED

FEB 18 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Samuel Peterson

Title

Petroleum Engineer

Date

2/15/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See instruction on Reverse Side



Chevron U.S.A. Inc.

P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF

SHUT-IN WELLS

WONSITS VALLEY STATE/FEDERAL UNIT

UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT

170 SOUTH 500 EAST

VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J.T. CONLEY

AREA OPERATIONS SUPERVISOR

sdm

Enclosures

cc:

State of Utah

Department of Natural Resources

Division of Oil, Gas and Mining

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, UT 84180-1203

RECEIVED

FEB 18 1993

**DIVISION OF
OIL GAS & MINING**



Chevron U.S.A. Inc.
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993


**ANNUAL REPORT OF
SHUT-IN WELLS
RED WASH UNIT
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078**

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,



**J.T. CONLEY
AREA OPERATIONS SUPERVISOR**

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Buttram Energies, Inc.
6303 Waterford Boulevard, Suite 220
Oklahoma City, OK 73116

RECEIVED

FEB 18 1993

**DIVISION OF
OIL GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP - 1 1994

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

☒ Well ☐ Well ☐ Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL, 1036' FWL, SEC. 13, T8S/R21E

5. Lease Designation and Serial No.

U-0806

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

WONSITS VALLEY FED. UNIT

8. Well Name and No.

WVFU #101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley-Grn. River

11. County or Parish, State

UINTAH, UTAH

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Well Status

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note) Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

TA approval is requested for this well. We plan to complete evaluation for possible other use during the next three years.

14. I hereby certify that the foregoing is true and correct.

Signed

Title

Operations Assistant

Date

08/30/94

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP - 1 1994

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

☒ Well ☐ Well ☐ Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL, 1036' FWL, SEC. 13, T8S/R21E

5. Lease Designation and Serial No.

U-0806

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

WONSITS VALLEY FED. UNIT

8. Well Name and No.

WVFU #101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley-Grn. River

11. County or Parish, State

UINTAH, UTAH

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Well Status

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

TA approval is requested for this well. We plan to complete evaluation for possible other use during the next three years.

14. I hereby certify that the foregoing is true and correct.

Signed

Chana Rugh

Title **Operations Assistant**

Date

08/30/94

(This space for Federal or State office use)

Approved by:

Title

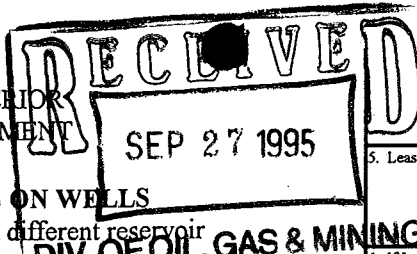
Date

Conditions of approval, if any

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***See instruction on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
U-0806

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Wonsits Valley Federal Unit

8. Well Name and No.
WVFU 101-2

9. API Well No.
43-047-31809

10. Field and Pool, or Exploratory Area
Wonsits Valley - Green River

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas

☒

Well

☐

Well

☐

Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Steve McPherson in Red Wash (801) 781-4310
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE ARE REQUESTING AN EXTENSION OF THE TEMPORARILY ABANDONED STATUS OF THIS WELL.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct.
Signed G.D. Scott

Title Drilling Technician

Date September 26, 1995

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Steve McPherson in Red Wash (801) 781-4310
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

5. Lease Designation and Serial No.

U-0806

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Wonsits Valley Federal Unit

8. Well Name and No.

Wonsits Valley Federal Unit 101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley - Green River

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other TA EXTENSION



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

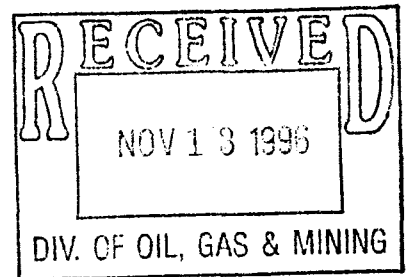


Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

CHEVRON IS REQUESTING AN EXTENSION ON THE ABOVE TEMPORARILY ABANDONED WELL STATUS AS WE ARE EVALUATING WELL FOR DEEPENING.



14. I hereby certify that the foregoing is true and correct.

Signed G.D. SCOTT

Title DRILLING TECHNICIAN

Date November 4, 1996

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.

U-22158

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Wonsits Valley Federal Unit

8. Well Name and No.

Wonsits Valley Federal Unit 101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley - Green River

11. County or Parish, State

UINTAH, UTAH

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Perforate



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



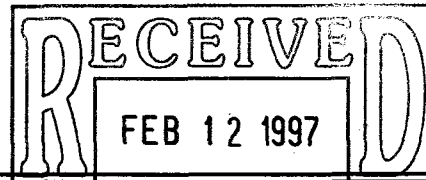
Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

We intend to perforate and evaluate this shut-in oil producer for gas production as follows:

1. MIRU, ND WH and NU BOPE. TOH with tubing
2. Clean out to ~4650' with bit and scraper.
3. Set CIBP at ~4600' and pressure test
4. Hydrotest in hole to ~4000 PSI with packer and tubing. Set packer at ~3675' and pressure test.
5. SWAB tubing down to ~3600' and perforate the following intervals through tubing using 4 JSPF, 0° phasing, decentralized, maximum available charge. (Depths are from Welx dual induction log dated 01/09/87). 3853-60', 3844-49', 3831-40', 3817-21', 3799-3812', 3792-95'.
6. Flow/swab and evaluate. Well is expected to kick off flowing gas, but may require additional remedial and/or stimulation work. Final decision will depend on results.
7. RDMO.



14. I hereby certify that the foregoing is true and correct.

Signed

D C Tanner

Title Computer Systems Operator

DIV. OF OIL, GAS & MINING 02/10/97

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526**(801) 781-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

5. Lease Designation and Serial No.

U-22158

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Wonsits Valley Federal Unit

8. Well Name and No.

Wonsits Valley Federal Unit 101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley - Green River

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



Notice of Intent



Abandonment



Change of Plans



Subsequent Report



Recompletion



New Construction



Final Abandonment Notice



Plugging Back



Non-Routine Fracturing



Casing Repair



Water Shut-Off



Altering Casing



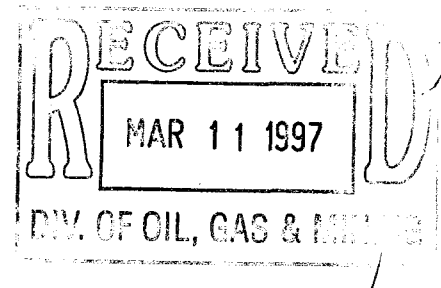
Conversion to Injection

Other Perforate

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Work was suspended pending further evaluation of this well.

14. I hereby certify that the foregoing is true and correct.

Signed

DC Tanner

Title

Computer Systems Operator

Date

3/6/97

(This space for Federal or State office use)

Approved by:

Title

Date

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***See instruction on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
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Budget Bureau No. 1004-0135
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SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
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5. Lease Designation and Serial No.

U-0806

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Wonsits Valley Federal Unit

8. Well Name and No.

Wonsits Valley Federal Unit 101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley - Green River

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

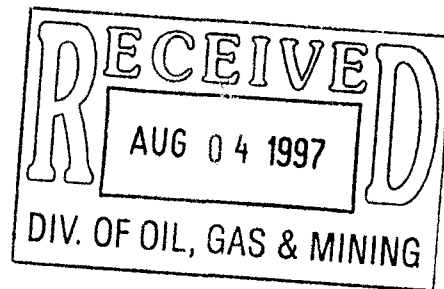


Dispose Water

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13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE INTEND TO PLUG AND ABANDON THIS WELL PER THE ATTACHED:



14. I hereby certify that the foregoing is true and correct.

Signed **D. C. TANNER**

D C Tanner

Title **Computer Systems Operator**

Date

7/31/97

(This space for Federal or State office use)

Approved by:

Title

Date

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*See instruction on Reverse Side

WVFU #101-2
P&A PROCEDURE

1. MIRU. ND WH AND NU BOPE. HOT OIL AS NEEDED AND PULL EQUIPMENT.
2. CLEAN OUT TO PBTD AT 3900'.
3. **OPEN PERFORATIONS STARTING AT 3778', OIL SHALE AT 3562-3900', CEMENT TOP AT 3665'. SET CICR AT ~3500' AND SQUEEZE ~110 SX. CLASS H CEMENT UNDER CICR. DISPLACE WELLBORE WITH 9.2 PPG BRINE.**
4. **GREEN RIVER FORMATION TOP AT 2440'. PERFORATE AT ~2500', SET CICR AT ~2390' AND SQUEEZE ~40 SX. CLASS H CEMENT UNDER CICR.**
5. **BASE OF USDW's AT ~650', SURFACE CASING SHOE AT 532'. PERFORATE AT ~700' AND ATTEMPT TO CIRCULATE ~300 SX. CLASS H CEMENT AROUND FOR SURFACE PLUG. IF CIRCULATION NOT POSSIBLE, PUMP ~150 SX. CLASS H CEMENT DOWN 7" CASING AND 7" X 9-5/8" ANNULUS.**
6. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
7. RDMO. TURN OVER TO OPERATIONS FOR REHAB.

UNITED STATES
DEPARTMENT OF THE INTERIOR
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FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

5. Lease Designation and Serial No.

U-0806

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Wonsits Valley Federal Unit

8. Well Name and No.

Wonsits Valley Federal Unit 101-2

9. API Well No.

43-047-31809

10. Field and Pool, or Exploratory Area

Wonsits Valley - Green River

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



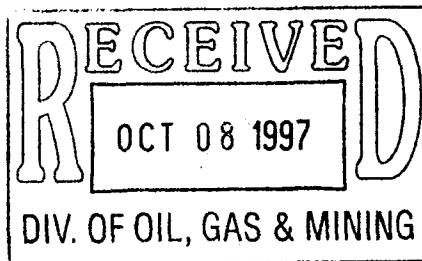
Dispose Water

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13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

THIS WELL WAS PLUGGED AND ABANDONED ON 9/12/97 AS FOLLOWS:

1. MIRU
2. C/O W BIT & SCRAPER TO 3904'
3. SET CICR @ 3497'. PUMP 110 SX G BELOW CICR. SPOT 25 SX G ON CICR
4. PERFORATE 4 SPF @ 2500'. SET CICR 2443'. PUMP 40 SX G BELOW CICR. SPOT 25 SX ON CICR.
5. PERFORATE 4 SPF @ 700'. COULD NOT PUMP INTO @ 750 PSI. PRESSURE PU
6. PERFORATE 582' 4 SPF PRESSURE UP & HOLD 750 PSI
7. PERFORATE 4 SPF @ 482'
8. MIX & PUMP 200 SX G W 2% CACI2 DOWN 7" & UP 9 5/8' ANNULUS TO SURFACE F/482'
9. CUT OFF WH. HOLE FULL CMT.
10. INSTALL DRY HOLE MARKER
11. RDMO



14. I hereby certify that the foregoing is true and correct.

Signed D. C. TANNER

D.C. Tanner

Title Computer Systems Operator

Date 10/7/97

(This space for Federal or State office use)

Approved by:

Title

Date

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

755' FNL & 1036' FWL (NW NW) SECTION 13, T8S, R21E, SLBM

5. Lease Designation and Serial No.

U-22158

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Wonsits Valley Federal Unit

8. Well Name and No.

Wonsits Valley Federal Unit 101-2

9. API Well No.

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10. Field and Pool, or Exploratory Area

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UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Perforate



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



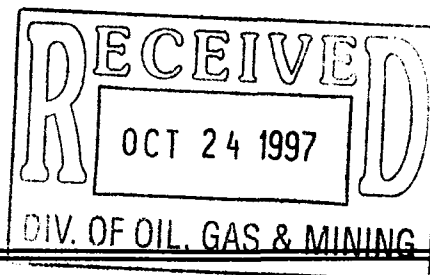
Dispose Water

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THE FOLLOWING WORK WAS PERFORMED ON THIS WELL FROM 2/1 - 1/13 1997:

1. MIRU
2. RIH BIT AND SCRAPER 4624'.
3. CIBP TO 4660' W 35' CMT PBT D 4565'
4. HYDROTEST TO 6000' ALL GOOD
5. PERFORATE 4 SPF 90 DEGREE PHASING 3853-60', 3844-49', 3841-40', 3817-21', 3799-3812', 3792-95', 3778-85', MAKING WIR - NO CMT BOND.
6. SQUEEZE HOLES 3950' SET CMT RETAINER 3920'.
7. SQUEEZE PERFS 100 SX CLASS H
8. DRILL CMT FROM 3694-3908' WLM
9. SWAB WELL NO FL ENTRY
10. RUN CBL FROM 3908-3778' CMT TOP
11. RIH AND SET PKR @ 3602' NU WELL HEAD
12. PERFORATE 4 SPF 90 DEGREE PHASING 3817-21', 3799-3812', 3792-95', 3782-85'
13. SWAB WELL DRY. NO SHOW HYDROCARBONS
14. RDMO



14. I hereby certify that the foregoing is true and correct.

Signed D. C. TANNER

Title Computer Systems Operator

Date

10/22/97

(This space for Federal or State office use)

Approved by:

Title

Date

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Tax credit 3/98